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Lancaster Farming

Vol. III. No. 21. Quarryville (Lancaster County) Pa., Friday, April 4, 1958 $2 Per Year

Integration, Management Changes Are Coming, Swine Producers Told

Integration, larger operations, multiple farrowing and confinement rearing are coming to the swine industry and in a hurry, Dwight Younkin, Penn State Swine specialist, told the County Swine Producers Assn at a dinner Thursday night.

Younkin said that integration in the swine industry is already firmly established in some other parts of the nation and is starting in Pennsylvania. The farmer, he said, should be expecting such a trend and ready to meet it.

Figures on the size of operations in Indiana were cited to show how efficiency grows as the operation grows A study by Purdue University was made on farms where the number of sows kept were 10 head, 40 head and 60 head

A return of $2 an hour was realized in the 10 sow operations Where 40 sows were kept, the per hour figure jumped to $6, an increase of 300 per cent

The return per sow and two litters was even more dramatic, with the increase being some 420 per cent. In the 10 sow herds, the raged $20 per sow and In the 40 sow herds, were $84 for each litters.

But in the 60 sow herds, a drop in both profits and labor were noted This was because the operators had not changed their equipment enough to cope with the number of animals on the farm

Packers are forcing the farmer into multiple farrowing, Younkin said. To keep their plants busy the year around, packers are demanding good quality slaughter hogs the year round. This will mean that the famer now will start breeding his sows and gilts to farrow each two or three months, rather than in the spring and fall as at present

While this sort of farrowing arrangement will help the packer by allowing his equipment to be in use at all times, it will also help the farmer for the same reason. It will also tend to level off some of the peaks and valleys in the hog price cycle

Feed reseach has come a long way in the past few years, Younkin said This is allowing hogs to be raised on concrete safely with no need for pasture or supplemental roughage

In the next few years, he said, the only hogs that will ever be on pasture will be breeding stock. All other hogs will be raised on concrete

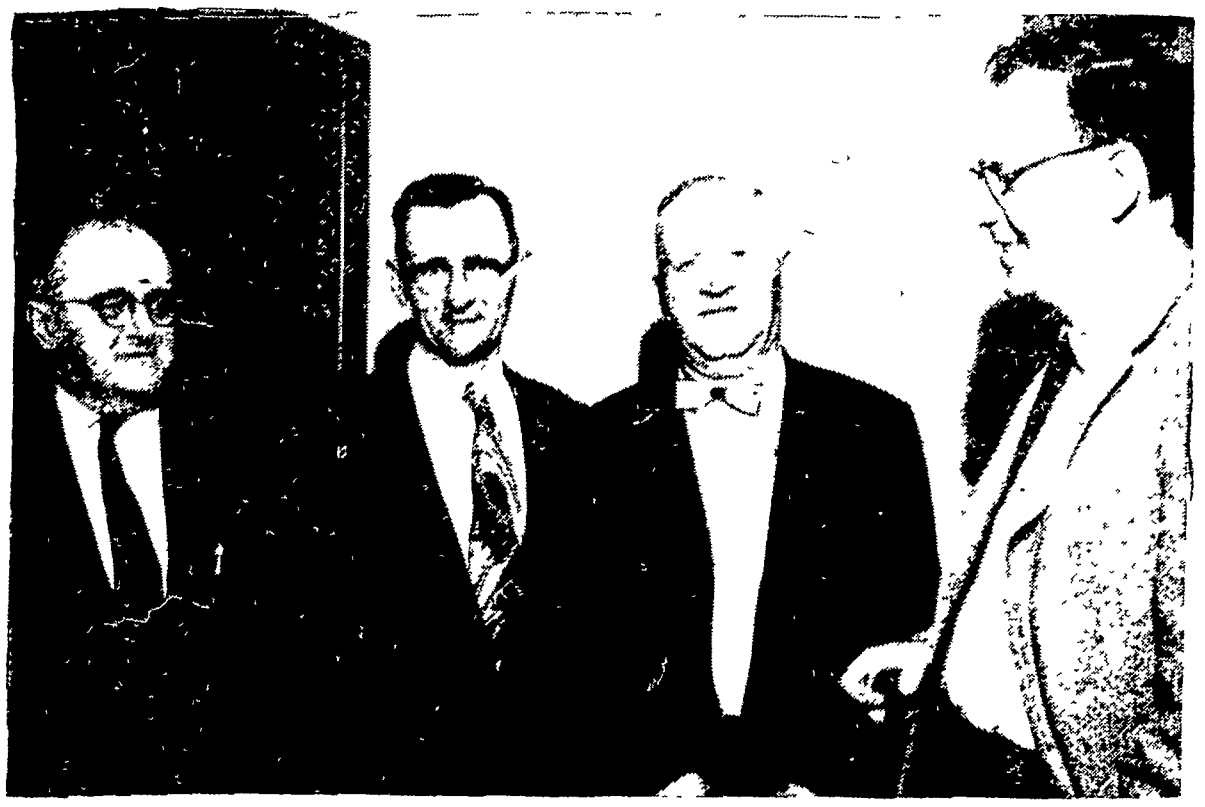
He announced that a feeder pig sale will be held May 20 at the Farm Show Building in Harrisburg. Anyone may consign pigs that they have raised to this sale. The feeder pigs will be sorted into uniform lots and will be sold disease free

Iron Dextrin, a new drug being manufactured by the Armour and Anchor Companies, is a good, simple, inexpensive way to prevent anemia in spring pigs, Younkin said. The drug is injected into the ham in a 2 cc dose. Total cost per pig is about 27 cents.

A new feed additive, Hygromycian, was also recommended by the specialist He gave it the nod for all pigs up to seven months of age and as a supplement to the diet of brood sows during the last month before farrowing.

Three directors of the association were re-elected for three year terms. They are C. Warren Leininger, Denver; Arlie Anderson, Elizabethtown, and Howard Siglin, Millersville.

The dinner was held at the Blue Ball Fire Hall.



THE THREE re-elected directors of the Lancaster County Swine Producers Assn. hold a brief discussion with Dwight Younkin, Penn State animal husbandry specialist after the association's annual meeting Thursday. They are, left to right, Howard Siglin, Millersville; C. Warren Leininger, Denver; Arlie Anderson, Elizabethtown; and Younkin. (LF Photo)

THE EASE WITH which the new flaked potatoes may be prepared was demonstrated Thursday by Mrs. Ada B. Konhaus, Cumberland County Home Economist. The demonstration was made at the new foods luncheon of the Food Marketing Advisory Council. (LF Photo)

March Prices Highest Since October 1953

HARRISBURG, Apr. 2 — Nearly all Pennsylvania farm products during the month ended March 15 averaged higher prices to farmers than month earlier, the State Department of Agriculture said today

Milk, the number one cash income of Pennsylvania agriculture, was 20 cents a hundred weight less at wholesale.

Despite the dairy price decrease, the Pennsylvania index of prices received stood at 257 per cent of the 1910-14 period and was the highest since October 1953 A year ago the price index was 237 per cent. In mid-February it was 255 per cent.

Community Meal Planning Meeting Re-scheduled

A meeting on "Planning and Organizing Community Meals" has been rescheduled, announces Mrs Ruth K. Kreibich, extension home economist.

The meeting now will be held Friday, April 11 from 10 a.m. to 3 p m. in the Pennsylvania Power and Light Co. basement auditorium, Griest Bldg., Lancaster.

Any woman who helps with dinners sponsored by churches fire hall or any organization is invited to attend. Women who have not previously registered should contact the Agricultural and Home Economics Extension Office, Post Office Bldg, Lancaster, by Wednesday, April 9. The phone number is EXpress 4-6851

Food Industry Representatives Try New Foods, Find Some Delicious

Some 68 people in the food industries in Pennsylvania proved that some of the new food now in the research laboratories and on the market are just as good as the fresh version and that some taste even better.

The background for this fact finding session was a new foods luncheon held Thursday at the annual meeting of the Food Marketing Advisory Council.

Four new foods were offered at the luncheon with the standard version right beside it. Included were an apple juice concentrate, turkey steaks, frozen dessert and flake potatoes.

When a vote was taken, almost as many people thought that the recombined concentrated apple juice was the natural product. Most trying the steaks for the first time expressed a liking for them. They are turkey white meat compressed into steaks, rolled in bread crumbs and seasoned.

The flake potatoes, while undistinguishable from the natural product by most persons, failed to pass the taste test. Four times as many people prefered the natural mashed potato to the reconstituted product.

However in a taste and identification test between ice cream and a six per cent fat dessert called Mellorine, ice cream came out second best in the taste decision, although most persons were able to identify the dessert. The Mellorine, brought into Pennsylvania by special permission from the state, uses soybean oil as the fat source.

That fact that Mellorine was a fruit mixture helped weigh the decision of some tasters.

The meeting was a two day affair sponsored by some 40 agencies and organizations affiliated with and interested in food and food merchandising in Pennsylvania

Experts discussed future prospects of food production, packaging, handling, retailing and nutrition.

In "brainstorming" sessions, such problems as transportation, standards, promotions and research were thrased out. The results of these uninhibited sesions will be evaluated by standing committees of the Council.

Tom Raser, marketing counselor of the food store products department of Farm Journal, Inc., was the speaker at the annual banquet. His topic was "Food Marketing Challenges."

Least Tobacco, Least Price Mark 1957 Crop Sales

Lancaster County tobacco farmers accomplished two leasts last year — they produced the least amount of tobacco since 1953 and they got paid the least for it since 1951.

The quarterly tobacco situation report of the U. S. Department of Agriculture shows that the total yield for Type 41-46 filler was 41 2 million pounds and that the average price was 22.2 cents a pound

This was a drop of 9 8 million pounds from the 1956 crop, or about 19 per cent less than the year before. The price dropped by 7.5 per cent.

On the other hand, cigar manufacturers reported that sales were up by about 1.5 per cent the last year. Per capita consumption of cigars bears this out with the average American over 15 years old smoking nearly one additional cigar last year.

But the joker in the deck shows when you look at the weight figures Although an extra cigar was smoked, the amount of tobacco smoked stayed the same at 1.11 pounds per person.

Consumption stood at 52 cigars per person with the 20 year consumption average being 53.4 cigars per person

Supply and demand for farm sales of type 41 tobacco seem to have very little relationship to the price, according to the figures given

Production has varied from 38 2 million pounds in 1953 to 51.0 million pounds in 1956. But the price has gone down steadily from the 27 5 cents a pound high established that year

The most disastrous price for filler in recent years was the 19 cent average established for the 1951 crop. That year total supplies were at 182 4 million pounds including a 56 2 million pound crop.

The total supply of tobacco has never again reached such a figure

(Continued on page thirteen)

Lancaster Markets: Slaughter Steers Steady to Dollar Lower; Hogs Drop

By Dave Lorenson

Federal-State News Service

LANCASTER, April 2 — CATTLE Three days, 3,313, week ago 4,266 Compared with last Wednesday slaughter steers unevenly steady to $1 00 lower, heifers scarce steady to weak, cows 25 cents, instances 50 cents higher. Stockers and feeders steady to weak.

Receipts about one-third smaller than a week ago Around 40 per cent receipts stockers and feeders and 20 per cent cows and bulls Around 46 loads slaughter steers and equivalent of two loads heifers.

Bulk choice fed steers 1,000-1,310 lbs. $28-32, a few lots and load 1,090-1,150 lbs. high choice and mixed choice and prime $32 40-32 90 Good and low choice steers $26 75-28. Small lots standard to low choice heifers $22.50-26 50 Bulk cutter and utility cows by Wednesday $15 75-19 50, few commercial to $20.50. Canners and low cutters $14.50-15 50. tility and commercial bulls $22-23.50, few utility to $24, good fed yearling bulls $25-26.50.

Bulk medium and good stocker and feeder steers and light yearlings 590-1,026 lbs. $25-27.50, several lots and loads mixed good and choice 650-931 lb. stocker and feeding steers $27.50-29, few $30, part load choice 664 lb stock steers $32

CALVES· 980, week ago 726 Vealers moderately active unevenly steady to 50 cents higher Bulg good and choice vealers 140-210 lbs. $28-33, high choice to $35, standard grade $24 50-28 utility down to $18, culls as low as $13.

HOGS· Three days 1,897, week ago 1,572 Barrows and gilts .75-$1 00 lower than last Wednesday, sows in small supply about steady. Bulk barrows and gilts mixed US 1, 2 and 3 190-230 lbs. in Wednesday's trade $22-22.50, a few lots No 1 and 2 these weights $23, small lots No 2 and 3, 230-250 lbs. $21.25-22, a few around 180 lbs. mixed grade down to $21.50 Sows mixed US 1, 2 and 3, 300-550 lbs. $16-19

SHEEP· Three days 1,100 week ago 510 Supply more than double due to liberal offering lightweight spring lambs for the special Easter trade. Slaughter lambs fully steady with last Wednesday. Bulk good and choice 35-75 lb native spring lambs $29 33, odd small lots high choice to $35 and 36, four head $38.

Hogs Drop; Cattle Steady to Half Higher at Chicago

CHICAGO, April 1 — Estimated Salable Receipts: Cattle 4,500, Calves. 200; Hogs: 8,500; Sheep: 1,000.

CATTLE: Slaughter steers, heifers and cows active, steady to fully 50 higher, bulls steady to weak; vealers 1 00 higher; stockers and feeders steady, mixed choice and prime 1200-1350 lb. slaughter steers 36.000-36 50, bulk choice 28 00 34 00, good to low-choice 25.00-27.75; good and choice heifer 24.00-28 000, good and choice 25.50-26.00; utility and commercial cows 17.25-21.00 can-

(Continued on page three)

93,675 Broilers Average 22.75 Cents At Lancaster Poultry Exchange Sale

LANCASTER, March 27 — In the largest sale in several weeks, a total of 106,585 birds were auctioned at the weekly sale of the Lancaster Poultry Exchange.

This was also the first sale in several months in which all the birds offered were sold.

The price for broilers ranged from 22½ cents to 23¼ cents. The average was 22 75 cents.

Two lots of heavy fowl, 600 head, brought 26¼ and 26½ cents.

Capettes remained at a high level with the range being from 29¼ to 37 cents. A total of 12,250 head were sold in 10 lots.

James Auker got the high price paid for 4,500 White Vantress broilers The buyer was Daniel K Good, Columbia.

Good also bought the highest priced lot of capettes. He paid N Parke Miller 37 cents a pound for 700 White Vantress capettes that were 13 weeks, two days old.

A year ago 113,100 broilers were sold for an avearge of 21.03 cents a pound. The high price paid was 22¼ cents and the low was 17 cents a pound.

Pennsylvania Poultry Queen Has Busy Month

Several of the highlights of Poultry Queen Margaret McPherson's March Egg Month tour included being guest of honor at a congressional luncheon in Washington, and being presented with the "Key to the City" of Scranton

Miss McPherson made a large number of personal visits throughout the state during March

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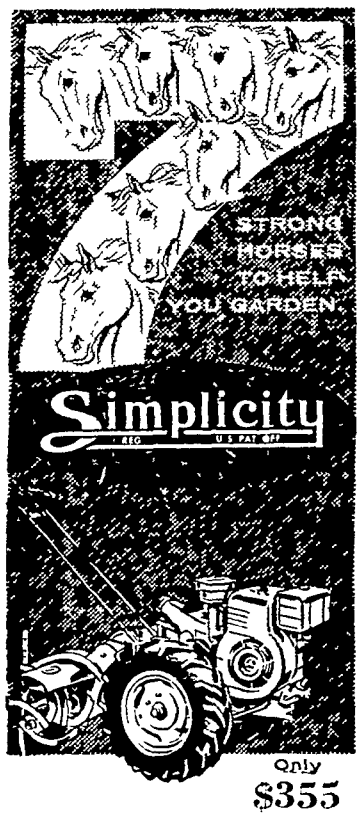

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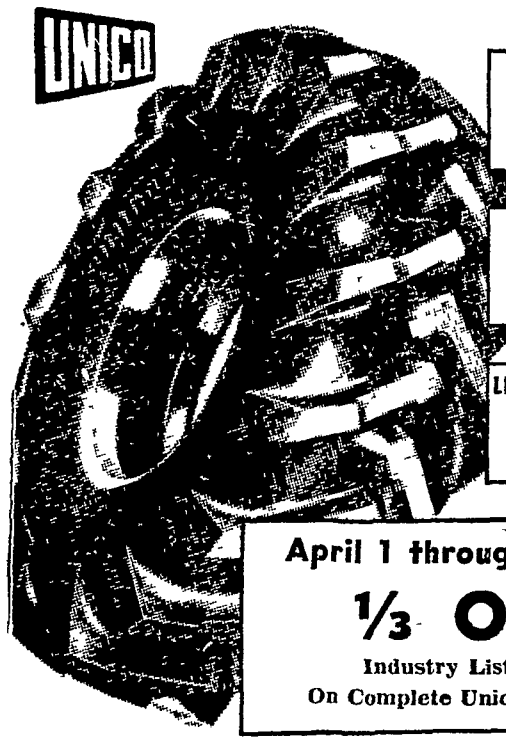

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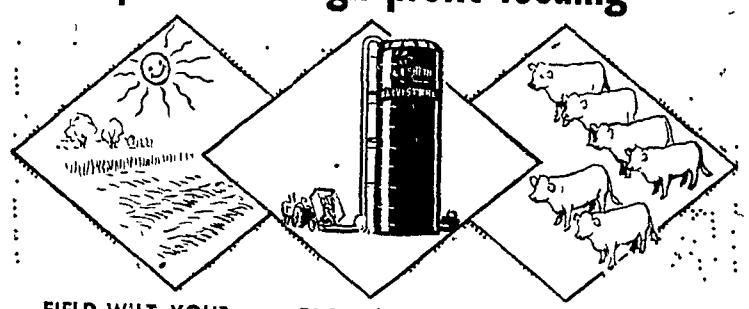

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Wednesday New York Egg Market

By Urner-Barry

Nearby Whites	
Extra Fancy Heavyweights	46
Mediums	44
Pullets	37
Nearby Browns	
Extra Fancy Heavyweights	42
Mediums	40
Pullets	36½
Midwestern Mixed	
Fancy Heavyweights	38
Mediums	37½
Standards	36¼-36½
Checks	34
Midwestern Whites	
Fancy Heavyweights	39 -39½
Mediums	39
Midwestern Browns	
Fancy Heavyweights	39½

NEW YORK, April 2 — Shell egg market generally steadier except on Nearby Whites which hold very unsettled due to the wide spread above other top grades. Overall market position still obscure.

Weekly Egg Price Review

	March 27	March 28	March 31	April 1
NBY WHITE				
Ex Fcy Hywts	50	50	50	48½
Mediums	48 -49	48 -49	45	45½
Pullets	41	41	38	37
NBY BROWN				
Ex Fcy Hywts	52	52	49	42
Mediums	48½	48½	45	40
Pullets	41	39½	37	36½

Midwest Markets

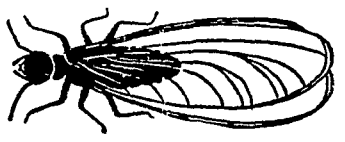
(Continued from page 2)

ners and cutters 15.00-17 50; utility and commercial bulls 20.00-22 50; good and choice vealers 30 00-34.00.

HOGS: Steady to 25 lower on barrows and gilts; sows 25 lower; 200-240 lbs. 21.00-21.25, 200-225 lbs 21.25-21.40, 200 head these weights 21 50; spws 330-375 lbs. 19 00-19.50, 400 500 lbs. 18.00-19.00.

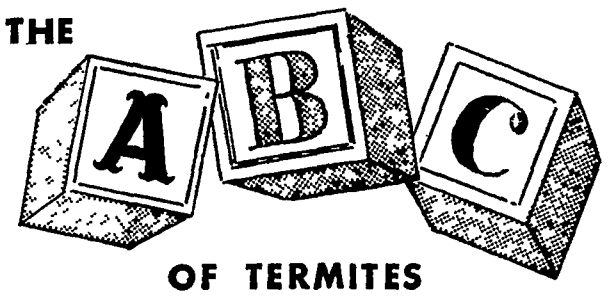
SHEEP: Slaughter lambs and sheep active, steady; deck high-choice and prime 101 lb. wooled lambs 24.00, load choice 111 lb. wooled and choice 102 lb. summer shorn and wooled lambs 23.00.

BUG of the MONTH



TERMITES

THE



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Fair Demand Depresses Broiler Prices Across the Nation Monday

Federal-State Market News

PHILADELPHIA, March 31 — With the demand only fair to good throughout the nation today, broiler prices softened slightly from a week ago. In the East, bad weather hampered movement of heavy offerings.

Here is a roundup of market conditions and prices in the major broiler raising areas.

DELMARVA. Market weak, offerings heavy Demand is fair but improving at lower prices. Rain and soft roads hampering movement off farms. Proportions of larger sies, 3½ pounds and over, declined and sold in upper part of price range Prices paid at the farm were mostly 21-21½ cents, with about a third of the birds at 21½ to 22 cents.

Eastern Shore Poultry Growers Exchange on March 28 offered 1,144,200 head of broilers and fryers Volume sold was 1,097,800 head Average prices classified according to sizes estimated by inspectors Under 3 lbs, 1 per cent, 21 31 cents; 3 3¼ lbs, 33 per cent, 21 25 cents, 3¼-3½ lbs, 53 per cent, 21 33, over 3½ lbs, 13 per cent, 21 51 cents Also sold were 1,800 heavy hens at 25 6 and 25 7 cents and 150 cockerels at 12 cents

NORTH GEORGIA: Demand slow to fair, mostly fair. Offerings ample Buyers offering prices today were 19 to 20 cents, mostly 20 cents with 629,800 head being sold.

NORTH CAROLINA: Supplies adequate. Demand fair to good Prices paid in the last 24 hours 2¾-3½ pounds at the farm, 20 cents with 497,000 head being sold

SHENANDOAH VALLEY: Offerings adequate for fair to good demand Heavy hens continue scarce Prices range from 20 to 22 cents, with most birds moving at 21½ cents Heavy hens bringing 23 to 24 cents

ARKANSAS: Offerings ample to excessive at most points Demand improved and generally good at most points Prices were from 17 to 19 cents, with most moving at 18 cents, however nearly a quarter of the bookings were at the top figure

ALABAMA: Demand ranged slow to good, generally fair to good Prices were from steady at 19½ to 20 cents, with most sales at the higher price A few birds moved at 19½ and there were rumors of same sales at 19 cents

Slaughter Cattle Steady to Weak At Baltimore

BALTIMORE, March 31 — CATTLE AND CALVES The supply was made up of approximately 65 per cent fed steers, 5 per cent fed heifers, 5 per cent stockers and feeders with the remainder mostly cows The fed steer and heifer run was largely low-good to average choice grades Fed steers and heifers opened slow, later active and steers sold steady to weak compared to Thursday's close Fed heifers later moderately active and fully sold steady. Cows opened slow, but steady, instances strong on canners. Bulls steady Stockers and feeders moderately active, steady. Vealers scarce, slow, strong to 1 00 higher

The bulk 925-1200 lb low-good to average choice fed steers $26 25-28 50, mostly $27 00 — and up with some standard included at the $26 25 figure Several lots and loads mostly average choice steers brought $28 65.30 00, including three lots 1261-1275 lbs at $28 00-30 00. One load 747 lb good heifers sold for $26 00 with a few head of choice up to $27.00 and a few lots 736 850 lb standard and good $23 50-25 00 Utility and commercial cows hulked at $18 00-20 00 with a few to $21 00 and canners and cutters $15 00-18 25. Utility and commercial bulls sold at $20 50-23 00 with 2 or 3 individuals at $23 50.

An individual low-prime 215 lb vealer reached $37 00, choice 170-230 lbs sold from $33 00-36 00, good $30 00-33 00 and standard mostly $26 00-30 00

A few lots 685-782 lbs good and choice stocker and feeder steers ranged from $25 00 29 00 and a short load of 699 lb medium and good feeding heifers $20 00. Fairly good clearance all lasses.

HOGS Buthers were moderately active and sold $1 00 lower than early last Thursday or 75 cents lower than Thursday's close Sows were uneven and around 50 ents lower The supplcy mostly mixed lots U. S. No 1, 2, and 3, 180 240 lb butchers, these sold mostly at $22 25 with several lots around 190 230 lb, mainly No. 1 and 2 at $22 50 Two lots No 3, 270-290 lb brought $20 00-20 75 Mixed 1-3, 300-400 lb sows mainly $18 25 19 25 with a few head under 300 lb at $19 50 and a few No 2 and 3 400-450 lb $18 00-18 50.

SHEEP A small lot of 800 lb high choice and prime spring slaughter lambs sold for $33 00, a small lot choice 93 lbs $29 50 and a small lot 70 lb choice wooled slaughter lambs $29 00.

PHILADELPHIA EGGS

(BY USDA)

PHILADELPHIA, April 2 — Unsettled. Prices declined on top quality large white and brown. Increased supplies more than adequate for immediate requirements Prices to retailers in cartons (cents per dozen).

Consumer Grades:

Grade A & US Grade A large, whites 58-60, mostly 57-59; brown 52-56; mostly 53-55.

Grade A & US Grade A medium whites 52-57; mostly 53-55; brown 50-52; mostly 5-51.

Grade A & US Grade A small, white 46-48; mostly 47-48; brown 45-47; mostly 46-47.

Grade B & US Grade B large, white 47-56; mostly 49-55; brown 46-55; mostly 46-54.

Receipts April 1 — 9,000 cases by truck.

PROCESSED POULTRY

PHILADELPHIA, April 2—Unsettled. Liberal offerings including smaller sizes which moved slowly. Large sizes short of immediate requirements.

Prices paid delivered warehouse, Philadelphia (cents per lb).

Grade A & US Grade A, 2-3 lb 32½-35, mostly 32½33.

Hens receipts (icepack) steady. Demand good and supplies no more than adequate.

Prices paid delivered warehouse, Philadelphia (cents per lb).

Grade A & US Grade A 4-5½ lb 35-43.

Receipts April 1 — 278,000 lb other than turkeys. Maryland, 84,000 lbs; Delaware 109,000 lbs; North Carolina 47,000 lbs; Virginia 28,000 lbs.

LIVE POULTRY

PHILADELPHIA, April 2 — Steady on hens but unsettled on other classes. Supplies light on hens but more than adeqaute on other classes which generally in forced sale.

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One of the Dairy Industry's Problems Is that It Has Outgrown Present Markets

RECENT growth in dairying contributes to problems It makes the situation more clear if certain points are kept in mind when considering the current dairy situation

Looking at dairying from a historical perspective, it appears that the industry has been going through a period of important adjustments Early in World War II it was called on to expand production substantially and production subsidies were added as an incentive.

Some of the adjustments caused by this policy have continued and are contributing to present-day problems

The outstanding example is the production of non-fat dry milk solids Output doubled during the war and has more than doubled again Or putting it another way, the rate of production of non-fat dry milk solids increased fivefold during the period from 1940 to 1956 while the rate of consumption in this country only doubled

Another development dating back to the 1940's was the shortage of fats. This brought about changes in many state laws pertaining to table spreads and opened up increased competition for butter

Developments of recent years have made it possible for consumers to choose between butter and competing spreads at a price unfavorable to butter

In spite of these developments, there has been about a four per cent gap between production and domestic use of the total milk production Technological developments in production and handling of milk have occurred at such a rapid pace recently that if dairymen, processors, and distributors had not been making prompt adjustments, the situation might be much worse now.

The number of farms from which milk is sold has declined at the rate of about four per cent a year and the number of cows had dropped about one per cent In spite of these adjustments, milk production has continued to increase

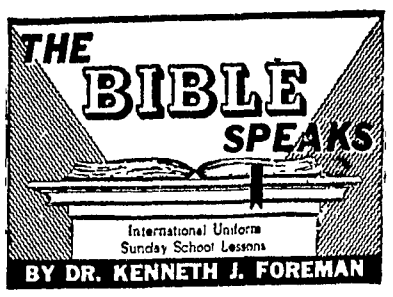
What alternatives are there to the present dairy situation? It seems that balance between supply and use can be accomplished by cutting production, or by increasing use, or some of both This is a good time for dairymen to determine whether they have any "boarder cows" that are not making any money for their owner. This kind of cow only aggravates the surplus

Only a small percentage of the nation's dairymen keep the kind of records that will give them detailed production information

On the utilization side, a recent survey by the United States Department of Agriculture revealed that a fairly large portion of the population is not getting the amount of calcium recommended by the National Research Council This points up opportunities for market expansion

Dairymen are one of the few segments of American food producers that have a good running promotion project "June Dairy Month" will tell the American people the story of milk and milk products in the following manner:

Full-page black-and-white ads will appear in 110 major newspapers, in selected newspapers color ads will appear on June 5 the usual sponsorship of the Perry Como Show will be maintained on June 7 and 21, and there will be a spot announcement program on NBC radio during the weeks ending June 7 and 14



Bible Material: John 20 24-31 Ephesians 1 15 23, Revelation 7.9-12
Devotional Reading: I Peter 1·3-9

Victory Day

Lesson for April 6, 1958

EVERY Sunday is VE Day, if people only knew it It is the day the church celebrates the greatest victory in history VE here stands not for Victory-in-Europe, but for Victory on Earth, Other planets unknown to us may be, or may have been the scene of other kinds of victories; but on earth the first Easter day saw, and each succeeding Easter—indeed each succeeding Sunday commemorates the great victory which Christ achieved over the two greatest enemies of man: sin and death Some of our Easter hymns bring out the note of triumph, notably the familiar "The strife is o'er, the battle done"

Dr Foreman

Two Victories

Of all the enemies of the race of man, the two that do us the most harm, that have the greatest power over us, are sin and death Both these are personified in the Bible Probably the writers who spoke of Sin and Death as if they were personalities, evil demons as it were, knew what they were doing, and knew that to speak of sin and death as living personalities is a bold figure of speech We use such figures of speech all the time however, and need offer no apologies We say "sin rears its ugly head" or "Death laid its cold hand on our friend" and so on Sin is not a person, and neither is death; but we can speak of them as if they were personal. And they certainly do us harm. Sin twists, deforms and paralyzes man's best impulses; sin keeps men from being truly normal; sin is indeed responsible for most of the troubles of mankind. Death also seems to hold a grudge against us human beings. It always seems to come too early or too late; and it never chooses a convenient time. (There is a sense, also, in which death is the greatest friend of man; but that is another side of the story. In the Bible death is always against man, not for him.) Christ's whole life, culminating in the Cross, was a victory over sin; and the resurrection was a crowning victory, over death

"Immeasurable Greatness of Power"

Certainly since the first Easter, or since people began to meditate on the meaning of that momentous morning, Christians have not been afraid, as many persons still are, of sin and death They have found victory over both, in Christ. You find this thought in many places in the New Testament, not only in Ephesians: that the Christian so identifies himself with Christ that he can be said to go through the same experiences Christ had—of death, burial, resurrection To put it another way, the victory of Christ over sin and death is not his own lone victory, rather it is a victory shared with his people—with all who deeply desire to share it This is part of what being "in Christ" means.

Assurance of Victory

So Easter is more than a day when we remember a victory long ago It is a day when Christians should remember that this is their victory too It is a victory both won, and yet to be won It is past, in Galilee and Jerusalem; it is present, in the life of true Christians, it is future in its final and complete glory Most Christians, sad to say do not realize this If they would take their New Testament seriously they would discover that God has for them resources never yet tapped The same mighty power that was in Christ and that made it possible for him to conquer sin is "in us who believe"—if we really want it The same power that raised him from the dead goes with us into the Valley of the Shadow The church, when she takes herself seriously, is not afraid of calamities She has outlived many, she can outlast many more. For in the church, and in the individual Christians who make up the church, is the very power of God. So Easter is the day of Destiny; the light of Resurrection morning is a foregleam of the glory God holds yet in store For the world may totter from crisis to crisis; but the purposes of God will not fail us as he goes marching on.

(Based on outlines copyrighted by the Division of Christian Education, National Council of the Churches of Christ in the U. S. A Released by Community Press Service.)

This Week in Lancaster Farming

BY JACK REICHARD

75 Years Ago

Three quarters of a century ago the practice of inoculation in the treatment for splenic fever in sheep and other animals was a common thing in France The vaccine was carried in sealed tubes and when a tube was opened its contents was used that same day A graduated syringe attached to a hollow needle formed the operating instrument

Sheep were inoculated in the middle of the thigh the operator pushing the needle beneath the skin at the same time depressing the piston of the syringe to the first graduated mark He then passed on to the next patient performing the same operation It was claimed that with one man holding the sheep and another performing the inoculations 150 sheep could be treated in one hour

Oxen and horses received double the amount of vaccine which was applied to the shoulder or neck

Paul Du Chaillu noted African explorer of seventy five years ago told of his unusual experiences with young girl drivers on his trips in the land of the midnight sun The explorer wrote

At every station in Finland I had a young girl for a driver and these children of the North seem to learn to be afraid of me My first driver's name was Ida Catharine She gave me a silver ring and was delighted when she saw it on my finger

Another driver 12 years of age was named Ida Carolina The axle of one of our wheels became loose but she was equal to the emergency She alighted blocked the wheel with a stone went to a farm house and borrowed a few nails and a hammer and with the help of the farmer made everything right in a few minutes

She did not seem in the least put out by the accident She chatted with me all the time though I did not understand what she said, for I did not know the Finnish language

In Bombay back in 1883 a hospital for sick and homeless animals had been erected in the center of the native quarters of that city It covered several acres with low stone buildings in a large courtyard The only condition for admission was that the animal remained there until it died The pious Hindoos believed that all life is sacred

50 Years Ago

Back in 1908 a newspaper man had ascertained precisely what King Edward of England carried in his pockets

In his waistcoat pocket was carried a gold pencil case cigar cutter little pass key gold watch, carefully regulated by Greenwich time and a half dozen sovereigns In his coat pocket he carried a small notebook and in the winter time he put his gloves in the pocket of his topcoat

The king never carried a cigar case except a gold case which held one cigar but he always had a small box of lozenges Unlike his nephew the Kaiser of Germany King Edward never carried a fountain pen in his pocket according to the newsman

A news dispatch out of Chicago 50 years ago reported the citizens of Pierson celebrated the close of revival services and the conversion of most of the village's population by making a bonfire of the furniture of the only poolroom in the town which had been banished Church people assembled about the fire and prayed and sang

In Lancaster County fifty years ago this week an incendiary fire destroyed the large barn on the farm of Nathan Rupp between Bareville and Farmersville tenanted by Elam Kreider

The barn one of the largest in West Earl Twp consisted of double ends constructed of bricks Most of the farming implements were destroyed, together with a large quantity of wheat hay straw and four acres of stripped tobacco Four horses one mule seven cows, one bull and a lot of chickens perished in the blaze

Kreider's loss was estimated at $9,000

That same week, in 1908 the twenty-fifth child was born to Mr and Mrs Albert Button of Colesburg Potter County, Pa Only a few months before someone had brought the family of twenty-four into national prominence by writing to President Theodore Roosevelt

The arrival of still another child to the Button family tree made it what was believed to be the largest family in the United States In fact Potter County challenged the rest of the country on this point

25 Years Ago

As of April 1 1933 Pennsylvania dealers requesting permits to sell raw pasteurized and certified milk had filed 3 726 applications with the State Health Department according to Robert F Brinton director of the bureau of milk control

Orders had been issued to the twelve milk control officers to check up on farms producing milk for pasteurization, as well as upon the plants of distributors

Twenty five years ago this week the Lancaster County Tobacco Growers Assn held an afternoon meeting on the fourth floor of the Intelligencer Journal Newspaper Building Lancaster it was reported by Cyrus H Good secretary

Lancaster Farming

Lancaster County's Own Farm Weekly

Alfred C Alspach Publisher Robert E Best Editor Robert G Campbell, Advertising Director, Robert J Wiggins Circulation Director

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Now Is The Time . . .

By MAX SMITH

County Agricultural Agent

Max Smith

TO USE ROUGHAGE SUBSTITUTES — Many livestock producers are short on either hay or silage at this time Several roughage substitutes may be used until pasture season The use of dried beet pulp or citrus pulp is recommended, when soaked, two pounds of this material is equivalent to about one pound of silage When fed dry four pounds of either of these materials could replace about eight pounds of fair quality hay Do not feed more than 10 to 12 pounds per head daily Molasses at the rate of two to four pounds per head daily will help extend roughage supplies Wet brewers grains can be used at the rate of 20 to 30 pounds per head daily and is nearly equal to corn or grass silage

TO PLAN FOR HARVESTING QUALITY ROUGHAGES — A barn full of quality roughages this fall will be a very important asset to every dairy and livestock producer We urge that you become more familiar with the various mixtures, cultural practices and harvesting methods It is too risky to depend upon the proper weather conditions to cure your hay crop Hay conditioners mow finishers, driving units and other methods are producing results

TO GUARD AGAINST HARDWARE DISEASE — Exercise lots and pastures should be given a careful spring cleanup to eliminate the danger of the cattle picking up pieces of wire metal nails, staples, and other metallic pieces before the herd is turned out Pastures along highways and near power or utility lines might contain many harmful objects Prevention will surely be better than cure or replacement

TO PRACTICE CAUTION WITH EARLY GRAZING — Fortunate is the producer with pasture for early grazing this year However, all livestock should be gradually exposed to the new growth to prevent digestive trouble and bloating Dairy herds should not be allowed to lie down on the cold ground for at least another month chilled udders may bring on a mastitis condition The continued feeding of limited amounts of hay or straw will reduce digestive troubles

A woman of St Louis who was fined when arraigned for the 258th time for drunkenness claimed she never had a home

READY TO SERVE YOU !

Pictured above is a portion of our large supply of seeds — insecticides — fertilizers

Rohrer's offer you the highest quality and finest service on

Farm – Garden – Flower & Lawn Seeds
Alfalfa – Clovers – Grasses – Seed Grains
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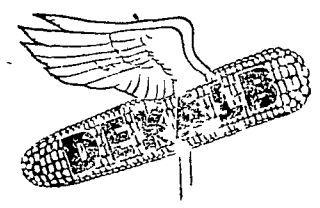

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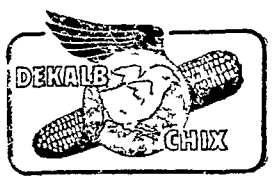

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- Strong Stalks
- Large Leafs
- Excellent for Silage

Can be used in soy bean sorghum mixtures

STORE HOURS
MON.—FRI.
7 A. M. TO 6 P. M.
SAT. 'TILL 5

Arsenate of Lead	3 lbs	1 20
Aram te	1 lb	90
5% Chlordane Dust		1 10
Aldrin 25%	5 lbs	2 80
Duo Copper Dust	5 lbs	1 10
53% Duo Copper	6 lbs	2 75
Agrimycin "100" 9 34 oz bottle		6 75
D D T 50% Powder,	4 lbs	1 60
Ferbam	3 lbs	1 95
Malathion 4% Dust	3 lbs	95
Malathion 25% Powder	2 lbs	2 10
Scale Tox	1 gal	1 95
Scale Tox	qt	70
Liquid Lime Sulphur	gal.	1 65
Dormant Spray Kit		1 98
Orthocide 50% Captain 8 oz Canister		1 39
5-lb Bag		3 95
Home Orchard Spray 1-lb Canister		1 39
2½-lb Canister		2 95

ORTHO SEED TREATER

Just Dust on Seed Corn
Controls

- Wireworm
- Seed Rot
- Seed Corn Maggot
- Damping Off Diseases

4½-oz. treats 1 bu.	1.35
1-lb. treats 3¼ bu.	3.45

Help You Have Sure Crops 3 Weeks Earlier!

25 Hot Kaps	95¢
100 Hot Kaps	3.90
1000 Hot Kaps	19.15

WEEDONE 2, 4D

Weedone "48"	
1-gal. Can	3 45
5-gal Can	16 25
Weedone LV-4	
1-gal Can	5 60
5-gal Can	27 25
Weedar 64 (Amine)	
1-gal. Can	3 75
5-gal. Can	17 75

SPECIAL PRICES TO CUSTOM SPRAYERS

AEROPRILLS
(Ammonium Nitrate)

80-lb Bag	3 50
Ton (25—80 lb bags)	82 50

HEPTACHLOR

1 gal	4 75
5 gal	22 25

INCREASE YIELD and improved quality of your hay crops by adding to your spittle bug spray.

Nutri-Leaf 60 (20-20-20)
— or —
Liqua-Leaf (10-10--8)

Nutri-Leaf 5 lbs	1.75
25 lbs	7 50
Liqua-Leaf 5 gals	15 75
30-gal. Drum	67 50

When You Use Vinyl Plastic Silos — Silo Caps Silo Covers You Eliminate High Spoilage Losses — High Nutrient Losses

Blossom - set

Makes tomatoes ripen one to three weeks earlier. Just spray on tomato blossoms Practically every blossom sets fruit Yields are much bigger Many tomatoes are seedless

12 oz. Aerosol	1.79

GOLDEN VIGORO
Top Dress Lawns
(without Burning)

25 lb. bg	2.60
50 lb. bg	3.95

VIGORO Regular

10 lb. bag	.95
25 lb. bag	1.70
50 lb. bag	2.50
100 lb. bag	4.85
500 lb. bag	21.25

MILLER'S FERTILIZER

5 - 10 - 10 Mineralized

80 lb. bag	2.75
5 bags (400 lb.)	12.50
Ton (cash price)	55.60

BOVUNG (Cow Manure)

25 lbs.	1.65
50 lbs.	2.85

SHEEP MANURE

25 lb. bag	1.10
50 lb. bag	1.95

CYANAMID

100 lbs.	4.50
Tree Food, 25 lbs.	1.60
Bone Meal, 5 lbs.	65¢
25 lbs.	1.95
Rose Food, 5 lbs.	75¢

DRIED BLOOD MEAL

100 lbs.	8.50

Make everything grow better!

Large Bale	4.75
Kar Bale	3.90
Karry Bale	2.75
Pick-Up Bale	1.75

ROHRER'S FANCY LAWN GRASS SEED

An excellent blend of permanent grasses including 42% Kentucky Blue Grass, plus creeping Red Fescue, Red Top and Bent Grass
Does NOT contain any Rye Grass or other course grasses.
1 lb. Covers 250 Sq Ft.

1 lb. box	1.15
5 lb. box	5.25
25 lb. bag	23.75
50 lb. bag	42.50

Special Prices to Landscape Gardners

New Rohrer's "Extra Fancy" Lawn Grass Seed

Contains 45% Merion Kentucky Blue Grass

1 lb. box	1 60
5 lb. box	7.50

Merion Kentucky Blue Grass is far superior to regular Kentucky Blue Grass It is dark green — deep rooted — drouth resistant

STREIGHT MERION Kentucky Blue Grass
1 lb. box 1 95

GREEN THUMB MICHIGAN PEAT
A Superior Grade 97% Pure Virgin Michigan Peat
Containing Many Valuable Natural Nutrients

100 lbs. bulk	2.50
500 lbs. bulk	11.25

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Grades of Tobacco Are Most Complex Of Any Agricultural Product

By Quentin W. Roop

Nowhere else in the marketing of agricultural products do you find as many grades as in the marketing of tobacco. To adequately classify the many variations of kind and quality, 2,683 Federal tobacco grades have been developed.

Established by the Tobacco Division of the Agricultural Marketing Service, these grades are applied to all tobacco sold at auction. This amounts to 95 percent of the U.S. crop.

Despite this common usage, Federal grades for tobacco are not always clearly understood by all who use them

Tobacco grades are based, first of all, upon the U S. standards, which are written descriptions of the physical properties and characteristics of tobacco The Standards provide, basically, for major classes and types within which there are numerous grades

There are six USDA classes for tobacco Class 1 — Flue-cured; Class 2—Fire-Cured, Class 3—Air-cured; Class 4—Cigar-filler; Class 5—Cigar-binder, and Class 6—Cigar-wrapper

Within these classes, tobacco is identified by types, according to its characteristics and uses Class 3 (Air-cured), for instance, has 5 types Type 31, Burley, Type 32, Maryland Broadleaf; Type 35, One Sucker, Type 36, Green River; and Type 37, Virginia Sun-cured.

Tobacco grade is defined according to three factors group, quality, and color

Group is determined by the position of the leaf on the stalk and reflects the traditional farm method of priming, stripping, or sorting Typical of these groups are those for Flue-cured tobacco They include Leaf—leaves from the top of the stalk, Cutters—leaves from the mid-position of the stalk, and Lugs—leaves from the bottom of the plant

Quality—the second factor of grade—is defined either as Choice, Fine, Good, Fair Low, or Poor Smoothness, oil, maturity, body, width, porosity finish, and uniformity determine the quality designations

Color is the third grade factor Each quality of the Leaf, Cutter, and Lugs groups, for instance, is classified according to its particular color

In addition to these three main factors of a grade, a fourth is used when tobacco has a peculiar characteristic not covered by the other grade specifications.

Within each of the 26 types of tobacco—group, quality, and color are highly variable. As a result, each type of tobacco has anywhere from 2 to 150 grades.

This system of standardization is one of the most elaborate used for agricultural products. It is made necessary not only because of the variable nature of tobacco, which is highly affected by soils, climatic conditions, and methods of curing, but also by the importance placed by industry on the differences between the various kinds and qualities of tobacco.

The standards are intended to provide a yardstick of quality, value, and usefulness in tobacco.

Since the value of a particular tobacco depends primarily upon its fitness for a specific use, it is imperative that the standards be kept flexible enough to reflect changes in the marketing pattern With this in mind, the Tobacco Division from time to time makes changes in the standards.

Chemical analyses of tobacco are currently being made by the Tobacco Division and a number of Federal State, and industry laboratories. Perhaps in the future, these may throw additional light on the relationship of grades to commercial utilization.

The first published report on this project, "The Chemical Composition of Representative Grades of the 1951 and 1952 Crops of Burley Tobacco," will be issued by the U S Department of Agriculture within the next few months.

Underway at present is a comprehensive correlation study which will relate the findings of chemists who analyzed representative grades of both Burley and Flue-cured tobaccos to the physical factors on which these grades were based.

Rubber Bags Being Used to Ship Milk

A dairy cooperative in Portland Ore., recently began to ship milk between plants in large rubber bags.

Shipping by bags, which hold about 2,500 gallons of milk, caves 20 per cent in hauling costs as compared to tank trucks.

These lower transportation costs mean milk can be shipped over longer distances in a more economical manner than ever before.

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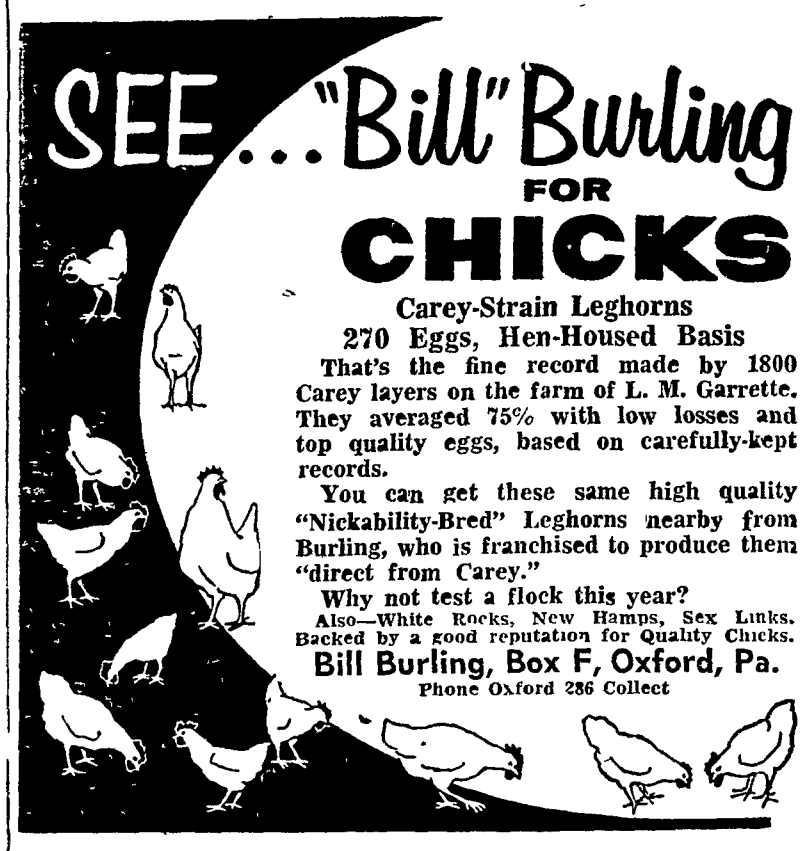

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270 Eggs, Hen-Housed Basis

That's the fine record made by 1800 Carey layers on the farm of L. M. Garrette. They averaged 75% with low losses and top quality eggs, based on carefully-kept records.

You can get these same high quality "Nickability-Bred" Leghorns nearby from Burling, who is franchised to produce them "direct from Carey."

Why not test a flock this year?

Also—White Rocks, New Hamps, Sex Links. Backed by a good reputation for Quality Chicks.

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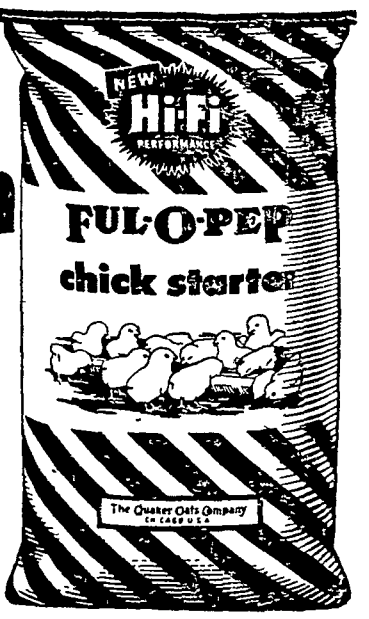
NEW Ful-O-Pep Chick Starter promotes

fast, sound growth

... because it's a quality feed!

Since chick starter is so vital to sound growth and development — and you need only 2 lbs. per chick — don't settle for a bargain brand. Feed new Ful-O-Pep Chick Starter with Hi-Fi performance ... with growth-promoting ingredients that spell out *better living for chicks.*



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Millport Roller Mills, Lititz, R.D.4, Pa.
D. W. Hoover, East Earl, R. D. 1, Pa.
Grubb Supply, Elizabethtown, Pa.
J. C. Walker & Son, Gap, Pa.
S. H. Hiestand & Co., Salunga, Pa.
H. M. Stauffer & Sons, Inc., Witmer & Ronks, Pa.

Rank of nationally sold chicks in 1956-57 tests
(Based on income over feed cost except in N Y C and Missouri)

Entry	Calif	Mo B*	N Y C‡	Tenn.	Utah*	Ave. Rank
Kimber K 137	4	4	6	5	2	4.2
Strain A	3	10	—	10	1	6.0
Strain B	11	16	2	3 5†	4	7.3
Strain C	5	18	18	12	5	11.6
Strain D	—	6	24	—	10	13.3
Strain E	38	3	25	15	3	16.8
Strain F	23	20	—	7	18	17.0
Strain G	—	25	27	11	13	19.0

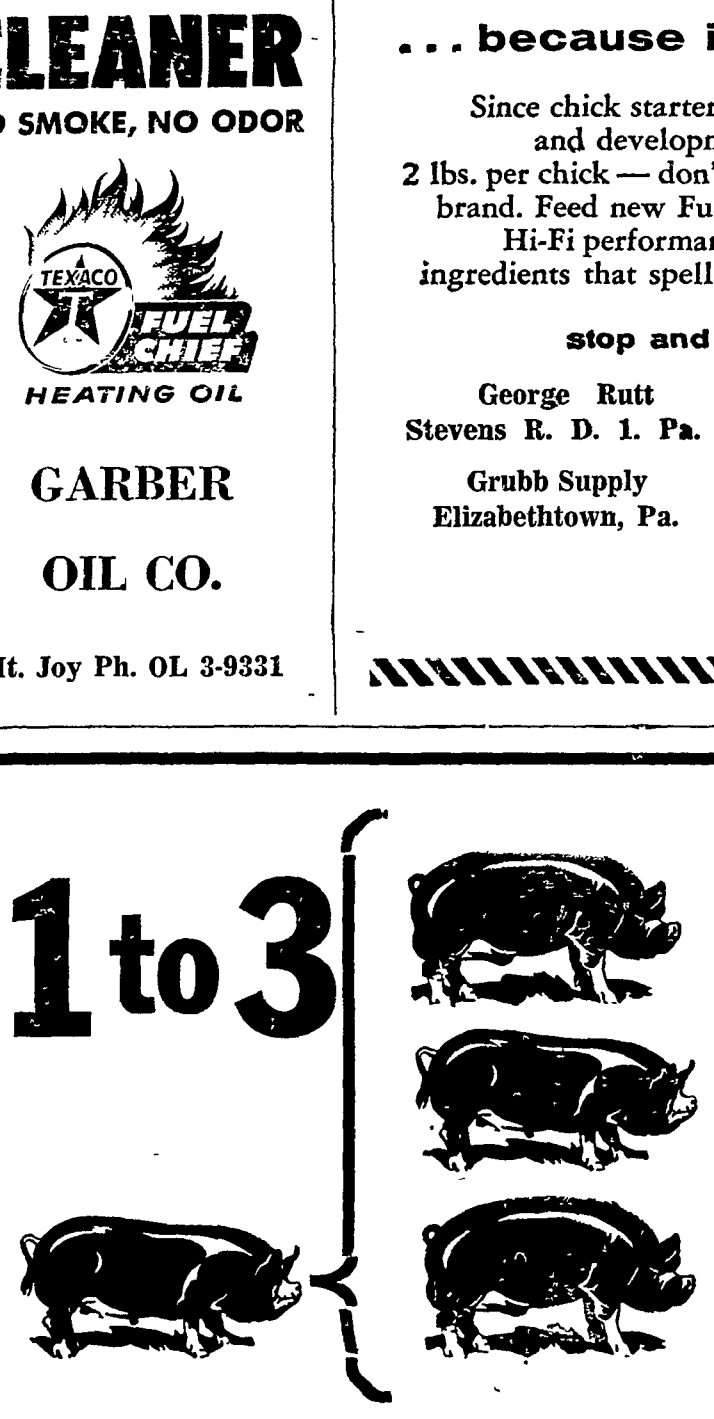
*Incomplete. †Average of 2 entries. ‡Income over feed and chick costs.

K-137 entries ranked FIRST IN NET INCOME among all nationally sold chicks entered in three or more of the above tests. *The average net income from Kimberchiks was 56¢ higher than the average of all entries.* Such consistent, profitable performance in a wide variety of environments should encourage you to order K-137 Kimberchiks this season.

Longenecker's Hatchery

1110 South Market St.

Elizabethtown, Pa.



For every dollar invested in limestone, experiment stations conclude, three dollars are returned in increased crops. Sometimes the ratio climbs to one to 15.

This explains why the Government pays about half the cost of applying limestone, if help is desired. The Government is convinced that farmers cannot afford to not use limestone.

Where else does one dollar spent bring at least three in return? It does pay to use good limestone!

MARTIN'S LIMESTONE

Ivan M. Martin, Inc., Blue Ball, Pa. Ph. New Holland ELgin 4-2112, Terre Hill HIlcrest 5-3455

Also Sold by:

LANC. COUNTY FARM BUREAU
QUALITY FARM BUREAU PRODUCTS

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Dillerville Road, Lancaster

Branches: New Holland, Manheim, Quarryville

Forest Service to Hold Regional Meetings On Small Forest Needs

Ways and means for improving the condition of the Nation's 4 5-million farm and other small forest properties will be the subject for discussion at a series of regional meetings this fall, the U S. Department of Agriculture announced today.

Richard E. McArdle, Chief of USDA's Forest Service, has asked Regional Foresters, in collaboration with State Foresters, to call these meetings to consider the problem of forestry on small forest ownerships and possible methods and procedures for achieving better management on these lands. McArdle said that these lands "need to make their contribution if the growing demands for timber from an expanding population are to be met" The meetings will be open,

Forestry conditions on small woodlands were discussed in Washington recently in consultation with the Regional Foresters and Research Directors of the Forest Service. This discussion and the findings of the final Timber Resource Review, a report on the country's timber situation soon to be released, led to the conclusion that one of America's best forestry opportunities lies in these small forest ownerships.

They make up over half of the Nation's commercial forest land. Because of their condition, they are least capable of meeting increased needs but afford the greatest opportunity for improvement. They also offer opportunity to substantially increase income to farmers and other small forest owners.

"By the year 2000—Just over 40 years away and less than the lifespan of a tree, this country will have 100 million more people than it has today," McArdle pointed out "Timber is one of our most essential raw materials. We should be growing a lot more of it than we are now doing, perhaps twice as much

"Most progress has been made in the management of forest lands owned by the public and by industry, but the timber-growing potential of lands in all ownerships is needed to meet future demands If the small woodland properties meet their full potential the farmers and other owners will benefit as will the entire Nation There is need to pursue much faster a cooperative course of action between private owners and State and Federal governments in order to bring these lands into full productivity, McArdle said

"At these regional meetings the Forest Service wants to mutually consider what needs to be done by joint effort to improve conditions on small forest holdings as fast as possible' McArdle said 'At the meetings all those interested will have a chance to express their views Farmers, other landowners, and those who deal day to day with them and know the problems first-hand, will be invited to take an active part in the regional discussions

whether the framework of existing programs is adequate, whether they need to be modified, whether new approaches are needed, and how responsibilities can best be shared," McArdle added 'I do not mean to underestimate the progress that has been made in the many public and private programs now operating to help the small forest owner help himself There has been substantial progress in tree planting, forest-fire protection, and cientific management during recent years But faster progress is needed '

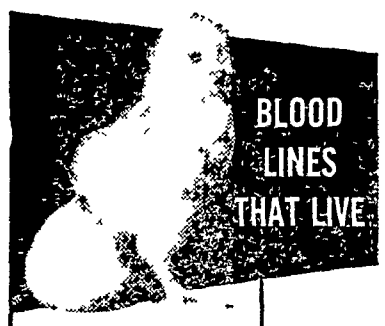
Angus Assn. Has New Booklet For Youngsters

With "fair time" rapidly approaching, boys and girls will be interested in obtaining the free booklet "Star of Your Future" that was prepared especialy to give them the facts about beef cattle raising From birth to beef, this 32-page, two color booklet tells the story of selecting, feeding, managing, fitting, and showing beef steers and heifers

"Star of Your Future" combines the dreams of today with the realities of tomorrow Compiled by leaders in the beef cattle industry this concise, to the point, booklet was designed for FFA and 4 H boys and girls who are dissatisfied with mediocre results and want to win success with their beef projects regardless of breed.

It is also designed to assist youth leaders county agents, and vocational agricultural instructors in the application of their teachings The book will also be helpful to adults, in assisting their sons and daughters with their beef projects

Published by the American Angus Assn the new booklet is already on its way to the more than 3 000 junior members of the organization Others desiring a free copy of "Star of Your Future' should write to the American Angus Association, St Joseph, Mo



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GlyCamide is recommended only for the prevention of coccidiosis in chickens. It is not recommended for controlling outbreaks of coccidiosis or the prevention of coccidiosis in turkeys (Sulfaquinxaline is still recommended for this treatment).

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SEE YOUR LOCAL RED ROSE FEED DEALER and let him explain the benefits of GlyCamide to you, and show you how Red Rose Feeds containing GlyCamide offer complete coccidiosis protection for your flocks.

questions and answers on

H&N

"Nick-Chick" LEGHORNS

The final proof of a laying flock's performance is how it does in your laying house Before you try a strain, you should know something about its performance The following will answer some of your questions and acquaint you with H&N "Nick Chick Leghorns

Q. Are H&N "Nick Chick Leghorns resistant to Leukosis?

A. Not totally resistant — no layer is However you'll find H&N's are very resistant when compared to other strains In the New York Random Sample Test where entries are exposed to leukosis H&N has averaged 83% livability compared to a test average of 68% livability for the first six tests H&N's had to be good in leukosis resistance to make such a record

Q. Based on the number of chicks I buy what annual production can be anticipated?

A. Five different groups of H&N 'Nick Chick Leghorns averaged 258 eggs per chick over a period of five years (1952 1956 California Random Sample Test) This is not the highest you can expect nor the lowest — just an average

Q. Are H&N's easy on the feed bill?

A. Some persons refer to this as pounds of feed to produce a dozen eggs! H&N's ate 4 3 pounds of feed to produce a dozen eggs in the last five California tests Again, this is the average of five years of five groups selected at random H&N "Nick Chick Leghorns consumed 97 6 pounds of feed each while producing 287 eggs as they did in the 5th California Random Sample Test You may find even better feed conversion from your H&N's

Q. Are H&N's nervous and flighty?

A. We've had many comments on the calm disposition of H&N's Many poultrymen have said H&N "Nick Chick Leghorns are a pleasure to have in their laying houses and H&N's don't hit the roof every time you enter the house They are probably the tamest, most quiet commercial layer available today

Q How do H&N's perform in cages?

A. We believe we have done more testing of pedigreed birds in cages than any other breeding organization in the United States H&N "Nick Chick Leghorns are measured on the floor and in cages When many of our customers turned to cage operations we decided to add cages for measurement purposes Experience has shown that H&N "Nick Chick" Leghorns are well suited to either cage or floor operations In fact milions of H&N 'Nick Chick' Leghorns have been sold in California where most are cage housed However there is little evidence to support the theory that some types of birds are specially adapted for cage performance

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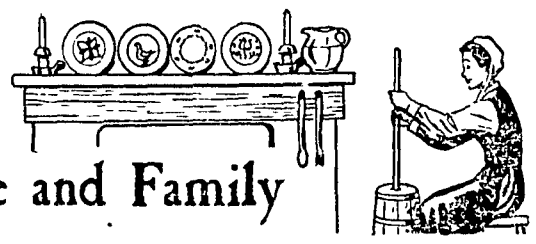


For the Farm Wife and Family

Easter Sunday Meals Call for Dishes That Are Extra-Special, Traditional

For an extra-special dessert for the Easter holiday, why not give Royal Ruby Tarts a place on your table Easy as 1 2-3 to make, they are as pretty to look at they are tasty

ROYAL RUBY TARTS

1 package pastry mix
1 package frozen strawberries
½ cup slivered almonds
½ cup whipped cream
1 package strawberry Danish dessert

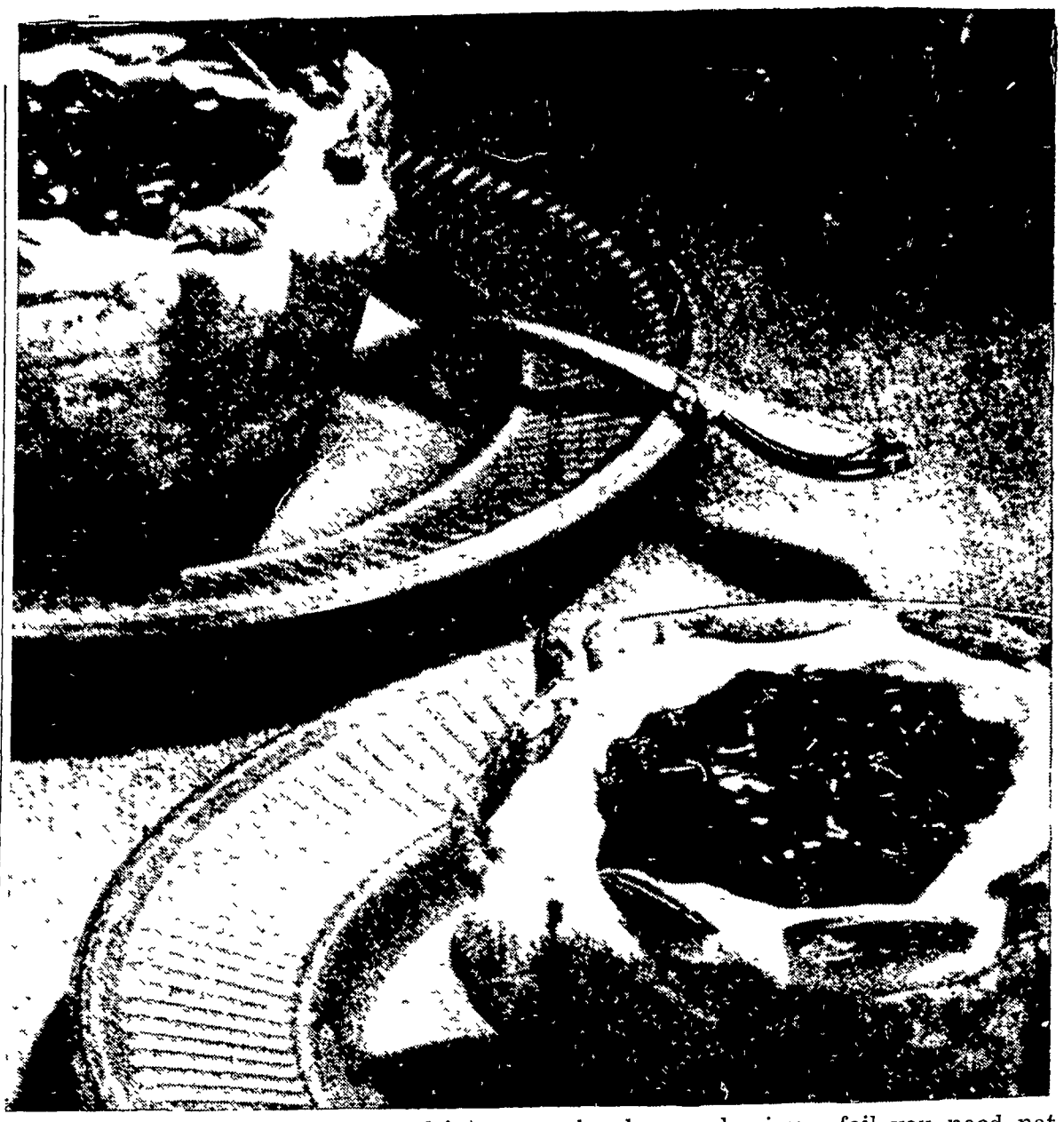
Prepare pastry according to the manufacturer's directions or make your own pastry Make into 9 tart shells as follows.

Using the lid of a 1-lb coffee can as a pattern, cut 9 circles out of heavy duty aluminum foil. Divide dough in thirds and roll thin Place 3 circles on dough and cut out Place foil side down, prick dough with fork and form tarts by bringing the edge of the foil up to form a square or triangle cup. Pinch corners together and bake at 450 degrees. These foil forms can be reused.

These flat pastry circles can be made in quantity, stacked, freezer wrapped and stored in the freezer for 3 months To use from freezer — remove the required number from freezer pack — keep covered — allow to thaw — 7 to 10 minutes. Form and bake.

Drain strawberries well. Prepare Danish dessert according to the directions on the package, substituting the strawberry juice for a portion of the required two cups of water. Fold in berries and spoon into baked tart shells. Chill in refrigerator until set (3 — 4 hours). Garnish each tart with a border of whipped cream and top with slivered almonds.

What would Easter Sunday Breakfast be without Hot Cross Buns? Here we have a quick and easy recipe for you.



RUBY TARTS will make a new and interesting dessert for your family this Easter Sunday. The shell is easy to make and by using heavy aluminum foil you need not tie up an extra pan for baking.

QUICK HOT CROSS SQUARES

2 cups sifted enriched flour
1 tablespoon baking powder
1 teaspoon salt
¼ cup sugar
¼ teaspoon cinnamon
⅛ teaspoon allspice
¼ cup shortening
½ cup currants
1 egg, beaten
⅛ cup milk (about)

(Continued on page nine)

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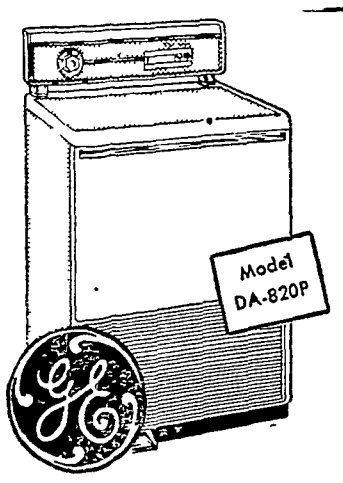

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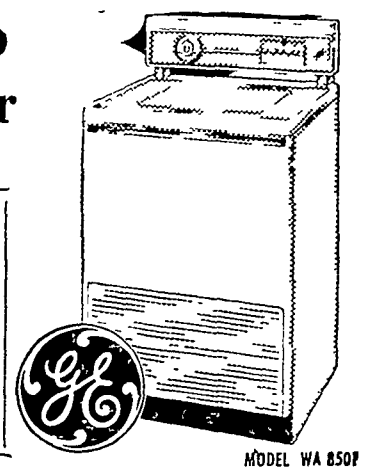

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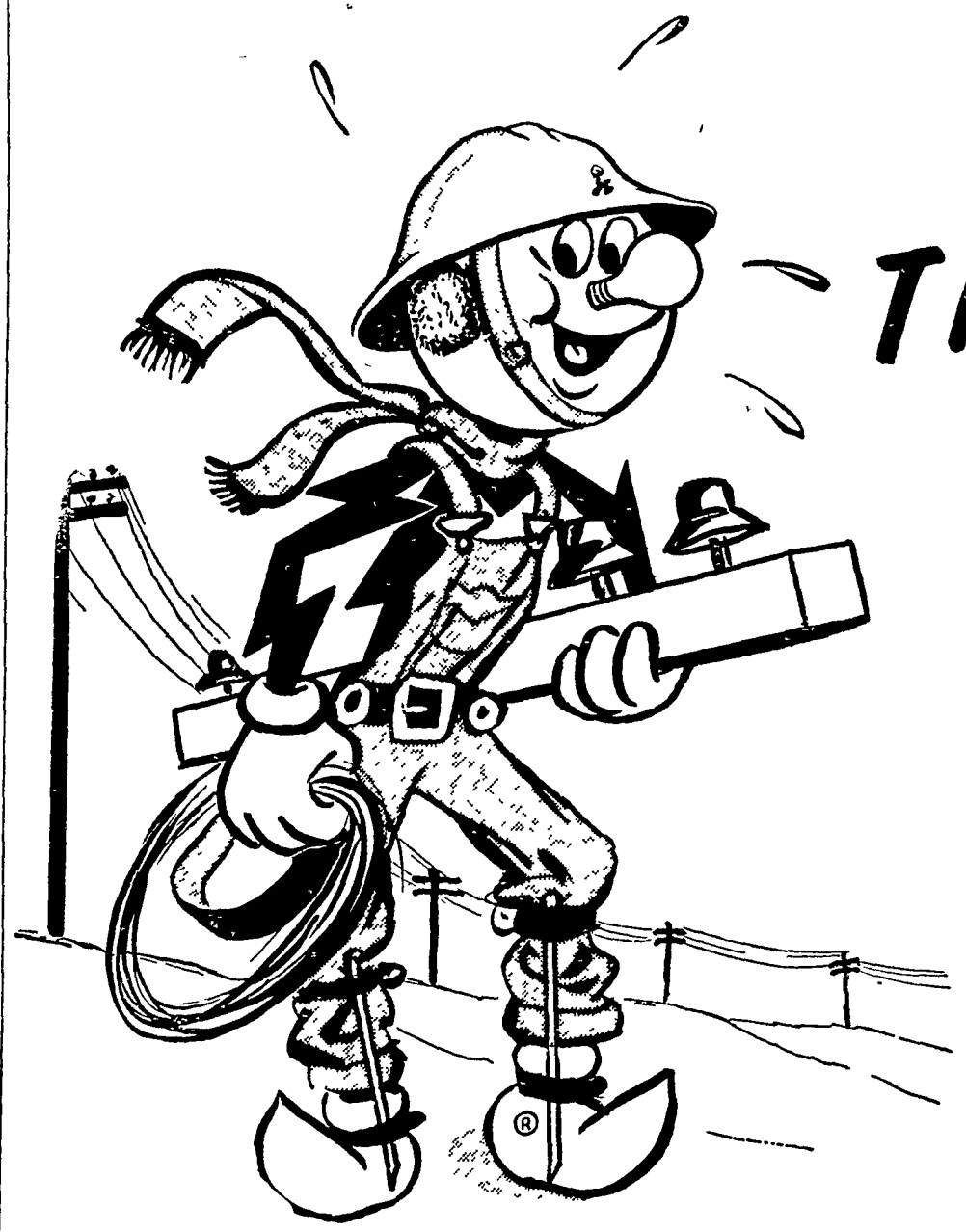

THANK

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thank all those who

First, we want to
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PENNSYL

For Farm Women . . .

(Continued from page eight)

Confectioners' sugar icing

Sift together flour, baking powder, salt, sugar, cinnamon and allspice. Cut or rub in shortening until mixture is crumbly. Add currants Combine egg and milk and add to flour mixture, stirring only enough to moisten flour Turn out on lightly floured board or pastry cloth and knead gently 30 seconds. Roll out into square ½ inch thick and cut into 1-inch squares with floured knife Bake on ungreased baking sheet in hot oven (425 degrees) 12 to 15 minutes. Make cross on each square with confectioners' sugar icing Makes 16 hot cross squares.

Another easy bread recipe —

QUICK COFFEE CAKE

1½ cups sifted enriched flour
2 teaspoons baking powder
½ teaspoon salt
½ cup sugar
1 egg, beaten
½ cup milk
3 tablespoons melted shortening

Sift together flour, baking powder, salt and sugar. Combine egg, milk and shortening. Add to flour mixture, stirring until mixture is smooth. Pour into greased pan (8-inch square or 9 inch round). Bake in moderately hot oven (400 degrees) 25 minutes Makes one coffee cake.

Another coffee cake, using the above Quick Coffee Cake batter —

BUTTERSCOTCH COCONUT COFFEE CAKE

1 recipe Quick Coffee Cake batter
¼ cup currants
½ cup chopped nuts, if desired
Butterscotch Coconut Topping

To quick coffee cake recipe add currants and nuts, before adding milk mixture. Spread in greased 8-inch square pan Sprinkle with Butterscotch Coconut Topping Bake.

BUTTERSCOTCH COCONUT TOPPING

¼ cup brown sugar
¼ cup chopped shredded coconut
1 tablespoon melted butter or margarine

Combine sugar and coconut Add butter or margarine and mix until well blended Sprinkle over coffee cake batter before baking.

So that you do not tire of your left over Easter ham, why not use it up in one of the following recipes?

POPOVERS WITH HAM AND ASPARAGUS

1 recipe Popovers (below)
¼ cup butter or margarine
¼ cup enriched flour
½ teaspoon salt
¼ teaspoon paprika
2 cups milk
2 cups cooked asparagus
1½ cups cooked cubed ham (one-half pound)

Melt butter or margarine in top of double boiler. Stir in flour, salt and paprika. Add milk and cook until thickened, stirring constantly. Fold in asparagus and ham. Cover and place over boiling water until thoroughly heated. While Popovers are hot, break open and fill with ham and asparagus sauce Makes 6 servings.

POPOVERS

1 cup sifted enriched flour
½ teaspoon salt
2 eggs, beaten
1 cup milk
1tablespoon melted shortening

Sift together flour and salt Combine eggs and milk Add to flour mixture and beat to a smooth batter Add shortening Beat 3 minutes with rotary beater Pour into well greased glass custard cups, (which have been preheated), willing ½ full. Bake in hot oven (425 degrees) 35 to 40 minutes Makes 6 large popovers

Note No peeping into oven until minimum baking time is up!

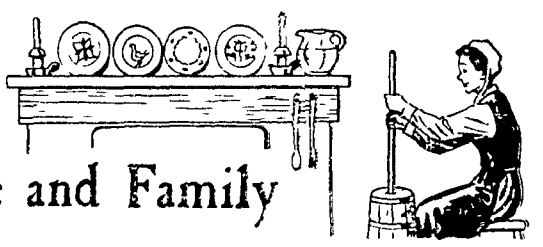
CREAMED HAM

¼ cup shortening
¼ cup flour
2 cups milk
2 tablespoons chopped green pepper
2tablespons chopped onion
3 tablespoons shortening
1½ to two cups diced cooked ham
½ cup sliced mushrooms

Make a white sauce of shortening, flour and milk Brown green pepper and onion lightly in shortening Combine all ingredients and cook over hot water or low heat 10 15 minutes Serve with biscuits Makes 4 to 6 servings.

UPSIDE-DOWN HAM LOAF

3 tablespoons shortening



For the Farm Wife and Family

¼ cup brown sugar
3 slices pineapple
2 cups ground cooked ham
2 tablespoons minced onion
½ cup dry bread crumbs
1 teaspoon dry mustard
½ teaspoon salt

Melt shortening in bottom of 8 inch square or round baking pan Mix in sugar with melted shortening and arrange pineapple slices over bottom of pan Mix together remaining ingredients and pack into pan Bake uncovered at 375 degrees for 45 minutes

SURPRISE HAM CROQUETTES

2 cups mashed potatoes
1 tablespoon fat, melted
2 egg yolks
Cayenne
1 cup chopped cooked ham
Crumbs and egg

Mix potatoes fat, two egg yolks and cayenne Beat until smooth, then cool Mix ham with remaining yolk and cook until mixture

(Continued on page ten)

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ait! Nevertheless, where-
as serious and the waiting long and inconvenient, there were great numbers of our customers who were highly expressive of their appreciation of our work. And so to you kind people, we say sincerely, "Thanks a million for your patience and your understanding."

May we also thank the press, the radio and the television people for their excellent cooperation in bringing the news of our progress to the waiting public. We also fully recognize and greatly appreciate the help of the telephone companies, the police, the civilian defense authorities, the highway crews and everyone else who in so many ways aided us in our task. To you, too, "Thanks a million!"

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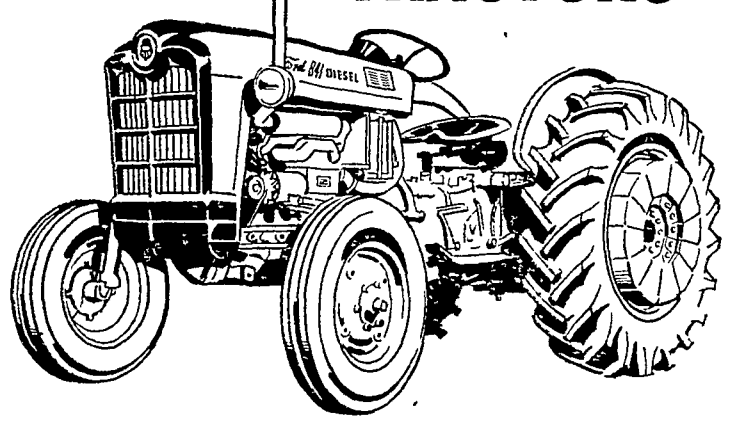

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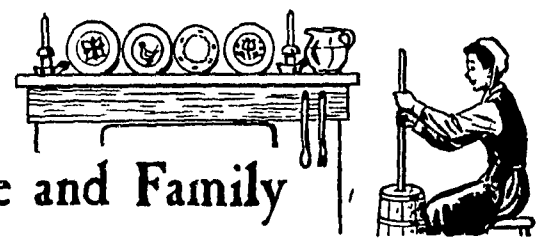

For the Farm Wife and Family

(Continued from page 9)

thickens. Chill. Take a large tablespoon of the potato mixture, make a hole in center, put a large teaspoon of the chopped ham inside, close the hole and form a ball Roll in crumbs, then in egg, again in crumbs, and fry in hot deep fat (380 F) about 5 minutes. Drain Makes 8.

HAM SALAD

½ cup mayonnaise
1 teaspoon salt
Dash of pepper
1 cup cooked ham, cut into thin strips
1 cup Swiss cheese, cut into thin strips
¼ cup chopped dill pickle
2 cups hot or warm cooked white rice
1 cup cooked green peas
Salad greens
3 ripe tomatoes, cut into slices or wedges

Mix together the mayonnaise, salt and pepper. (If you like onion add one teaspoon grated onion to the mayonnaise) Add the ham, Swiss cheese, pickle and hot rice. It is important that the rice be hot or at least warm. Add the peas and gently mix. Cover and chill about 1 hour or serve at room temperature, if desired. This salad is best if it is not too cold Serve on salad greens and garnish with the tomatoes This recipe makes 7 servings.

* * *

Cottage cheese is a popular item on the menu these days. Here we have several recipes with cottage cheese as an ingredient. Since pineapple and ham are a natural go-together, you might like one of the following salads to go with your Easter ham.

PINEAPPLE PARTY SALAD

1 can crushed pineapple (No. 2½)
1 package lemon gelatin
1 package lime gelatin
1 cup cottage cheese
1 cup mayonnaise
½ cup coarsely chopped blanched almonds
¼ teaspoon salt

Drain syrup from pineapple; to the syrup add water to make two cups Heat liquid; remove from heat and add lemon and lime gelatin Stir until dissolved. Chill until partially thickened. Add drained pineapple, cottage cheese, mayonnaise, almonds, and salt. Mix lightly. Pour into lightly oiled ring mold (6 cup size) or into individual molds Chill until firm. Serve on lettuce with mayonnaise. Makes 8 to 10 servings.

* *

TROPICAL COTTAGE CHEESE SALAD

1 package strawberry gelatin
1 package lemon gelatin
1 No. 2 can (2½ cups) peach halves and juice
¾ cup pineapple chunks
¼ cup pineapple juice
2 cups creamed cottage cheese
Salad greens

Dissolve strawberry gelatin in one cup boiling water, add one cup cold water Pour half of mixture into lightly buttered 1½-quart mold or bread pan and chill Keep remaining strawberry gelatin mixture at room temperature. Drain fruit. Add water to fruit juice, if necessary, to make two cups. Bring one-half cup of this liquid to boiling pont. Add lemon gelatn; cool. Stir in one-half cup pineapple chunks and one and one-half cups cottage cheese Pour onto the firm strawberry gelatin. Chill several hours or overnight. Unmold on greens. Garnish with peach halves filled with remaining cottage cheese and pineapple chunks Serves 12.

* * *

SEAFOOD GUMBO CASSEROLE

Mix together two cups flaked canned slamon or two cups chopped cooked shrimp, a can of chicken gumbo soup, three cups cooked rice, three-fourth cup water and some chopped pimiento Bake at 350 dgreees until very hot. Clove-studded pineapple slices are good as a topping.

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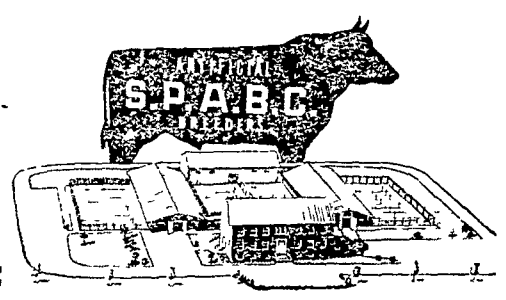

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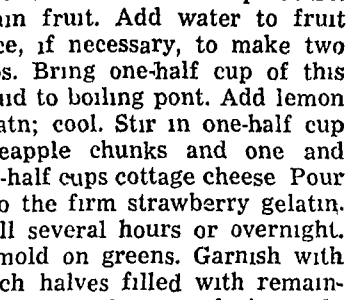

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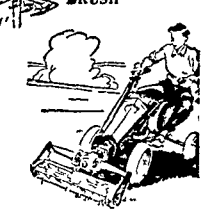

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CHECKING THEIR instruments and some of the seed potatoes after their arrival in Lancaster last week are Howard W. Hruschka, left, and Wilson Smith, both from the USDA Plant Industry Station at Beltsville. Hruschka is holding a recording thermometer which will record temperatures for a month. Behind them are two alcohol heaters (LF Photo)

Machine Cutting, Forced Healing Making Potato Planting Easier

One of the most tedious chores in farming is on the way out with a new process being developed by Eastern States Cooperative and the United States Department of Agriculture.

It is a method where-by seed potatoes are cut mechanically and shipped to the farmer ready to plant. The project is now several years old

Pre-cutting in seed potatoes is possible because of a property peculiar to potatoes called "suberization" This means that a cut potato will grow a new skin after it has been cut if the proper conditions of temperature and humidity are available.

The USDA is now developing a method of forced suberization while the potatoes are in shipment.

This was used in a boxcar of potatoes received here in the County last week. The car was sealed in Maine and opened only after it had arrived in Lancaster.

Inside the car were alcohol burners to keep the temperature at an even level between 60 and 70 degrees. Th humidity stayed at about 90 per cent.

Fans powered by a generator run from the moving wheels of the car kept the air in motion, thus keeping the temperatures uniform throughout the car, even inside the piles of sacks

Last year was the first time that major field trials were made with the precut seed. Only small small amounts of the seed were available to each farmer.

Results of the trial showed that germination and yield were just as good with the pre-cuts as with hand cut seed There was much more variation in yield and than there was between types of seed..

This will be the first year that the cooperative will have enough seed available to make carload lot shipments.

The machines that cut the potatoes sort the tubers for size and then make the number of

(Continued on page fourteen)

BABY CHICKS need every nutritional advantage to resist disease. No trouble keeping them eating when you feed highly digestible ...low fiber MA-CO.

SUPER MA-CO HIGH ENERGY LOW FIBER CHICK STARTER

We carry all the Super MA - CO Poultry Rations from Chick Starter to Breeder Mash

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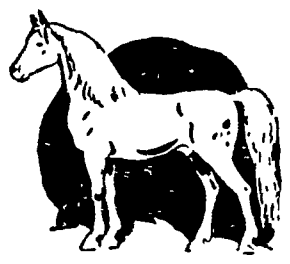
SPRING SALES PROMOTION!
FIRST PRIZE!
LIVE PONY With Saddle & Bridle!
TO BE GIVEN FREE AT OUR BIG FIELD DAY – APRIL 26th



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who's really BEST in the big test
*Extended 600 days instead of 500 days makes this Utah Random Sample a real endurance test.

In this second intermountain random sample test:
HONEGGER LAYERS
Produced on per pullet housed basis
263.7 eggs ... and ... $4.67 Profit per bird
or 81c more income than the average of all other entries.

- Ranked 1st in % AA and A grades— (97.3% of all eggs were AA or A)
- Ranked 1st in least % checks. (Only 1.4% of all eggs laid were checks.)
- Ranked 1st in least % spots and broken. (Only .8% of all eggs laid contained blood or meat spots or were broken)
- Ranked 2nd in % large eggs. (76.8% of all eggs laid were large)
- Ranked 2nd in feed efficiency. (Almost 10% better than the average of all entries)
- Ranked 2nd in age at sexual maturity. (In 50% production at 167 days of age)

On the basis of two-year averages at Utah, HONEGGER LAYERS were BEST with $4.10 profit above feed and chick cost per pullet housed.
Compare, and you will buy Honegger Layers for the best year-in and year-out performance.

WINDLE'S HATCHERY
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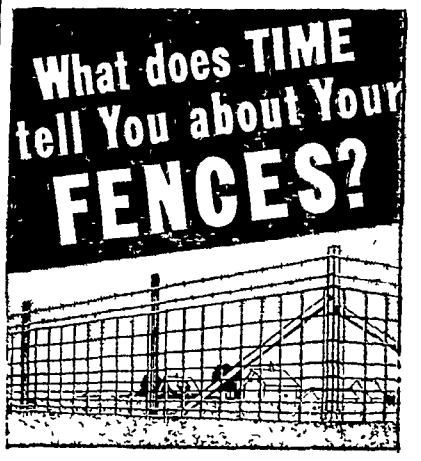
Lloyd M. BURKHOLDER Chick Hatchery

Red or White Vantress Cross
White Leghorns
R-B Red Cross
U S Approved Pullorum Clean
Call RE 3-0613
R D 1—Ephrata, Pa.
1 Mi. NE of Clay on Stevens Rd.



. . . Actual Weather Tests Prove Red Brand Fence Quality. Your neighbors who have compared fence life in their own fence lines found that RED BRAND lasts longer Those extra years of livestock protection mean valuable time and money saved When you need fence buy

RED BRAND
Time Tested FENCE

. . . You'll get THE BEST—tough "Galvannealed," copper-bearing steel that withstands weather for extra years tight knots that won't slip . . uniform, stock-tight construction Just look for "the fence with the top wire painted red."

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Special Low Spring Prices Now in Effect

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Field Fencing
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Cross Section Of Slaughter Grades

DEFINITE superiority in conformation, quality and finish mark the Prime grade steer or heifer. These cattle are fine boned, smooth jointed and have a thin and pliable hide. The fat covering tends to be smooth with only slight indications of patchiness. Prime cattle come with long grain feeding and are now considered to be uneconomical except for class trade.

CATTLE possessing minimum qualifications for Good grade may differ somewhat in appearance because of the numerous combinations of varying degrees of excellence of the grade factors. They tend to be low and compact, have a limited finish, largely restricted to the back, loin and upper rib. Some coarseness may be evident in the relatively older cattle of the Good grade.

RANGY, upstanding, angular and thin fleshed cattle will be found in the utility grade. They are narrow and show prominent hips and shoulders. Less finish is apparent in younger cattle ranging down to a very thin covering of fat for those under 30 months. Utility cattle tend to be of slightly low quality.

Cattle Grades Form Basis for Good Market Reporting, Forecasting

Once in a while it's a good idea for us to review our knowledge of cattle grades and to take a look at the standards

Slaughter grade standards serve as the basis for the market news report which cattlemen use in deciding where and when to market. Statistics based on market news reports indicate consumer preferences and allow forecasts of market trends to help in planning what kind and how much of a certain quality of beef cattle to produce

Here is a brief summary of the current grade standards for slaughter cattle

PRIME GRADE cattle are low set compact, and thickly fleshed They are wide over the back, loin and rump and the rounds are thick and plump Prime cattle have a thick and rather uniform covering of firm fat They show evidence of high quality Only steers and heifers are eligible for the Prime grade

CHOICE GRADE cattle are moderately low set, compact and have moderately thick natural fleshing The back and loin are moderately wide and the twist and round moderately deep and plump There is a moderately thick fat covering which may be slightly uneven Choice cattle usually have a moderately refined appearance

GOOD CATTLE are slightly low set and compact with slightly thick natural fleshing They are slightly wide over the back and loin, the rounds may appear slightly flat with little evidence of plumpness

These cattle have a slightly thin fat covering They usually appear slightly refined, although older cattle in the grade may exhibit some coarseness and uneven fat covering

STANDARD GRADE cattle may be steers, heifers, or cows, with a maximum maturity of approximately 48 months They tend to be slightly rangy and thin-fleshed The crops, back and loin are slightly narrow and the hips are somewhat prominent

The loin, rump and rounds appear flat with no evidence of fullness Fat covering in the grade is slightly thin to thin and may be in evidence only over the back, loin and ribs

COMMERCIAL grade cattle are fully mature and this grade is limited to cows, heifers and steers that are over about 48 months of age They are slightly rangy and thin fleshed and have moderately wide backs and loins and prominent shoulders and hips They frequently appear rather deep through their fore ribs Commercial cattle have a moderately thick fat covering which is often patchy

UTILITY GRADE cattle may vary greatly in appearance because of the many posible combinations of grade factors and the wide range in age of animals

These cattle are rangy, up standing, angular and thinly fleshed They are usually narrow through the crops with a slightly sunken appearance of the loin, rump and rounds Hips and shoulders are decidedly prominent

Mature cattle of the grade have a slightly thick fat covering and finish ranges down to very thin for young stock

CUTTER GRADE animals are usually fully mature, have very prominent hips and shoulders and very shrunken rounds and loins They are rough and angular throughout Fully mature Cutters carry only a thin fat covering while young cattle of this grade show no indications of fat covering

CANNERS, LOWEST of the grades, are cattle that are usually so advanced in age and so thin as to appear emaciated They are extremely angular and thin fleshed and are extremely narrow boned and prominent in the hips and shoulders They have an extreme hollowed out appearance in the loin, rump and rounds The outline of the bony framework is very evident

Least Tobacco, Least Price Mark 1957 Crop Sales

(Continued from page one)

and now stands at 146 5 million pounds including the 41 2 million pound 1957 crop Disappearance last year was pegged at 49 4 million pounds, only 200,000 pounds of filler was exported, the rest used domestically

In mentioning the expected five per cent reduction in acres planned by Pennsylvania tobacco growers, the economic experts preparing the outlook were not of the opinion that any effect would be made on the price

The supply, they predicted, would be about 50 million pounds, actually six per cent more than last year Carryover may be around 120 million pounds, some six per cent lower than last year and the smallest on record

Total supplies indicated for 1958-59 may approximate 170 million pounds, a decline of three per cent from the current level and a new low

A new report now being included in the outlook report is the amount of tobacco leaf represented in stocks of tobacco sheet As of Jan 1 of this year there were 203,000 pounds of Pennsylvania in sheet This compares with 434,000 pounds of Connecticut Valley Broadleaf, 7,000 pounds of Ohio filler, 7 000 pounds of Puerto Rican filler, and a total of 1,222,000 pounds of all types of cigar tobaccos

Cigarette types total 1 494,000 pounds in the sheet and the total for all crops is 2,716,000 pounds

This does not include the tobacco stems that are added in the manufacturing process

Pennsylvania Apple Juice Popular in Florida

G W Ropp principal of a Ft Pierce Fla high school, reports that chilled apple juice is outselling orange and grape juice 2 to 1 at the dispensers located in the school

The Tropicana people, who operate the machines, bought a volume of juice grade apples in the Appalachian Apple Belt this season

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Limestone Sand For Use In Dairy Barns

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"Heard the latest, Gertrude?

STERLING BLUSALT and STERLING GREEN'SALT are both available right here!"

Sterling Blusalt: high-quality salt plus seven trace minerals essential to good growth and reproduction (manganese, iron, sulfate sulfur, copper, cobalt, iodine and zinc).

Sterling Green'salt: trace-mineral salt plus 10% phenothiazine for effective low-level control in internal parasites in livestock.

STERLING BLUSALT *and* STERLING GREEN'SALT— *Products of International Salt Co , Inc.*

Blusalt and Green salt available here

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Eastern States Farmers Exchange, Manheim Pike, Lancaster, Pa.
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Harold H. Good, Terre Hill, Pa.
M. S. Graybill and Son, Bareville, Pa.
Paul H. Hurst and Son, East Earl R. D. 1, Pa.
Ira B. Landis, 779 Valley Rd., Lancaster, Pa.
Martins Feed Mill, Ephrata. R. D. 3, Pa.
Millport Roller Mill, Lititz, R. D. 4, Pa.
Mountville Feed Service, Columbia, R. D. 2, Pa.
George A. Rutt, Stevens, Pa.
J. C. Walker and Son, Gap, Pa.
David H. Weaver, New Holland, Pa.
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Pasture, Small Grain and Corn

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82% NITROGEN

Increase your yields and your profits. Easily applied. Saves Time. Saves Labor.

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THE QUALITY STARTER ASSURES MAXIMUM UNIFORM GROWTH!

Master Mix Chick Starter is the quality starter that builds more healthy, hearty chicks than ever Also contains medicants to help protect chicks against coccidiosis.

Eli M. Wolgemuth

Ph. Landisville TW 8-3031

Manheim R. D. 1

New State Mark Set by Holstein On AR Test

BRATTLEBORO, Vt — A registered Holstein cow owned by Lewis A. Zimmerman, Leighton has shattered an all-time Pennsylvania production record on Advanced Registry test

The Holstein Friesian Assn. of America reports that the official 25 day production of Zimmerman Panstar Royal Sandra totalled 22,567 lbs. of milk and 819 lbs. of butterfat

It sets a new high in butterfat for Pennsylvania Senior three-year olds milked three times daily in the Ten-Months' Division of the AR program.

The new state production champion was bred by her present owner. She was sired by Zimmerman Star Pansy Ideal—A Silver Medal Production Sire.

In meeting the requirements of an official 305-day record, Zimmerman Panstar Royal Sandra was in calf for 167 days during her testing period.

Weighing and testing of her production was supervised by Pennsylvania State University as a part of the official breed improvement program of the national Holstein organization.

Somerset County Sugar Maple Season Opened

The Somerset County maple sugar season was officially opened recently with tree tapping ceremonies on the Courthouse lawn.

It's The Law

Q My wife and I are considering separation What is the maximum that I would have to contribute to the support of her and an 8-year-old daughter?—G M.

A There is no maximum that you would have to pay or contribute to the support of your wife and daughter after separation. If an amicable agreement cannot be made, the court will determine the amount a man has to pay for the support of his wife and children after consideration of such factors as the man's present income, his earning capacity, expenses of the wife and children and all other attendant circumstances

Machine Cutting, Forced Healing Making Potato Planting Easier

(Continued from page eleven)

cuts according to the size. Thus two, three or four pieces of seed may be obtained, according to the size of the potato.

Maine potatoes are used for seed because they show more vigour than potatoes grown farther south.

A new machine is being developed that will cut the seed in slices rather than in chunks as is now done. Various farmers throughout the county received seed produced by this machine for trial alongside the seed manufactured by the standard machine

Working with the transportation problem were Howrd W Hruschka and Wilson Smith from the Agricultural Marketing Service, Plant Industry Station, Beltsville, Md. From Eastern States, Robert Mullany, West Springfield, Mass., seed potato research man; and Harold Mengel, Ronks, crops field man; directed the seed distrition in Lancaster and adjoining counties.

Sales Dates

Sat., April 5 at Ironville. Some farm implements, full line o carpenter tools. Sale by Mrs. Effram Bard.

Sat, April 12. Full line of household goods along Lincoln Hwy. West opposite Stumps Station by Jacob Charles Est. Sale time 12:30 p. m.

NOTICE!

Just in:

AEROPRILLS®

Ammonium Nitrate
free-flowing

33.5% NITROGEN

for

TOP DRESSING SMALL GRAINS

It goes on sale tomorrow morning

Come in or call

Eastern States

See Your Local Representative

Phone ST 6 3647

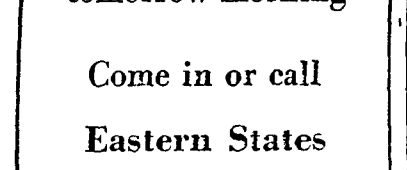
Lanc. EX 4-3755

QUICK START

One Reason Why More Farmers Plant

DEKALB

than any other brand



Plant

DEKALB SEED CORN

P. L. ROHRER & BRO., INC.

SMOKETOWN, PA.

Ph. Lanc. EX 22659

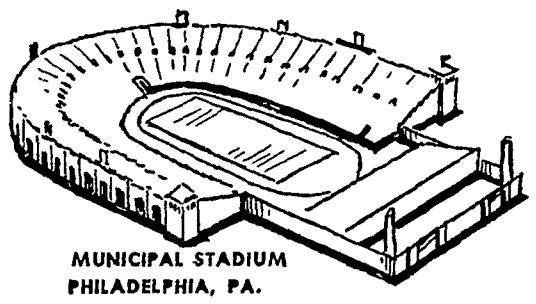
THE BOY WHO STARTED A $48 MILLION ELECTRIC PLANT

GROUND BREAKING at Brunner Island near York Haven, Pa, January 21, where PP&L will complete a 330,000-kilowatt steam-electric station by the end of 1960.

ABOVE, 13-year-old Randolph C. Ryder turns over a spadeful of earth to formalize the start of construction of PP&L's newest power plant. Randy was asked to turn over this important spadeful for three reasons: First, he represents PP&L's customers of tomorrow for whom much of this additional power plant capacity is being built. Second, even at 13 years of age, Randy already owns shares in PP&L and represents the 95,000 shareowners whose invested savings along with those of the Company's bondholders help make possible the good electric service you enjoy. Third, he is a very special kind of shareholder for his ownership of securities symbolizes the fact that in this state, minors can now hold the securities of American business enterprises

The recent passage in Pennsylvania of the Uniform Gifts to Minors Act opened the way for youngsters to become investors in American industry and to share, from an early age, in this nation's expanding and dynamic economy as well as secure a practical and early understanding of the American economic system.

The fact that people are willing to invest their savings, and thereby earn a reasonable return, is the means for developing much of the money with which power plants and power lines can be built and service supplied to our customers. In the last decade alone, investors have provided much of the $413 million required for the Company's expansion during those years. In the next 5 years, an additional $198 million will be required. *And where will this money come from?* Much of it again must come from people who are willing to invest their savings in anticipation that the money they put to work will continue to earn a reasonable wage. *Every time you turn an electric switch, you share in the benefits of their investment.*



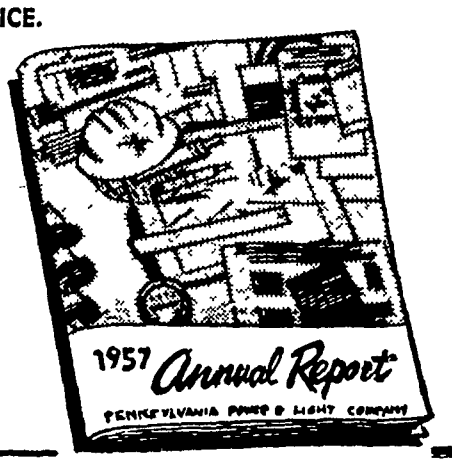
MUNICIPAL STADIUM
PHILADELPHIA, PA.

WHO OWNS YOUR ELECTRIC COMPANY?

—There are 95,000 partners in PP&L . . . almost enough to fill the largest stadium in Pennsylvania. In fact, 7 out of 10 of these partners live here in Pennsylvania. Large numbers are also customers of the Company. These partners are from all walks of life. Teachers! doctors! stenographers! ministers! clerks! lawyers! executives! and housewives! . . . people from your town, people living on your street!

The Company's annual report was recently mailed to these 95,000 partners. The report contains an interesting summary of the highlights of 1957 and a statistical record of the Company's growth and progress over the past 10 years.

While the extra copies last, **YOU MAY SECURE A COPY AT YOUR NEAREST PP&L OFFICE.**



PENNSYLVANIA POWER & LIGHT COMPANY

Classified Ads

Miscellaneous

Cured Locust Posts, different sizes—50 cents each John Van Cleve, Sr., Willow St. RD 1, near Smithville.

SEE US FOR PRICES on spring seeds! Certified Clinton, Clintland, and Gary seed oats; also clover, alfalfa, alsike, timothy and seed corn. Ross H. Rohrer & Sons, Quarryville, Ph. STerling 6 3372.

KATADIN POTATOES ELAM E. Lapp, ½ mi. east of Bartville R1, Christiana, Pa.

FOR SALE. — Shelled corn 4-8-12 or 16 ton lots—bagged or bulk, very low cash price Leola OLdfield 6-7656.

FOR SALE. — Home grown clover seed. Call Kirkwood 56R2. C Martin Greenleaf, RD1, Oxford, Pa.

Poultry & Supplies

Started Kimber Pullets — Hubbard Farms — Ph EXpress 2 2155.

Big Dutchman Cooler, Keenco Egg-washer, Keenco Egg-Grader and Keenco Egg-baskets All good condition. V. Leto, Kennett Square, Pa. Phone Gilbert 4-5666 between 5-6 p m.

PULLETS FOR SALE —8 weeks old Roosted, vaccinated Ready for range Miller's Hatchery — Call Elizabethtown EM 7-3227.

Started DeKalb pullets Hiestand,, Inc., Ph Marietta HA 6-9301

BUY BOLTON'S SEX-LINK chicks. Make great layers of large brown eggs. Available Mar. 17th, March 27th, Apr 10th & Apr. 17th Phone 76R3 or write Bolton's Hatchery Schaefferstown, Pa. We deliver

KEENER POULTRY FARM — Authorized Darby Chick Associated Hatchery Ph EM 7-3246 Elizabethtown RD1.

MR POULTRYMAN — If you want to earn the salesman's commission on the chicks you buy, contact us for our prices on Stram-X-Cross Leghorn Chicks Haldeman Poultry Farm, Stevens, Pa. R1, Phone Denver, ANdrew 7-2108.

SALSBURY'S 3-NITRO in your poultry, turkey, and swine feed gets you more meat, eggs and health for less. Cost 26¢ to 52¢ per ton. Not an antibiotic. Look on your feed tags and ask your dealer, or F. W Fisher, Leacock, Ph. Leola OL 6-7356

Farm Equipment

NEW 180 amp Lincoln Welders —$161 complete or $25 down-$12 per month payments Weldan-power combination 200 AC welder and stand-by unit $465 Kit for P T O adapter extra. Hiestand, Inc., Ph. Marietta HA 6-9301

ALLIS CHALMERS WD & WC tractors Used chain saws & garden tractors Snavely's Farm Service, New Holland, Ph. EL 4-2214.

Used Farm Equipment
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Caterpillar D4 tractors
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FOR SALE: 30-Gallon Gas Hot Water Heater. Perfect Condition. Very Reasonable Phone EX-47397 After 5 P. M.

FOR SALE. — Used gas stoves, priced to sell, good condition. At town store, 25 S State St., Ephrata, Pa

Dependable bottle gas served thousands during the heavy snow storm. We supply over 8,000 gas customers who were able to cook, use gas water heaters, gas refrigerators, small space heaters, gas chicken brooders, and of course some heat the entire house with gas. Be prepared, consider gas appliances now. Ward Bottle Gas, Ephrata.

Mail Box Market

FOR SALE: 30-Gallon Gas Hot Water Heater. Perfect Condition. Very Reasonable. Phone EX-47397 After 5 P. M.

FOR SALE — 1 Sannon milk goat, fresh now, Also 1 crossbred ram — 3 years old. Reasonable. Apply to John M. Martin, Denver R1, at Fivepointville, Pa.

FOR SALE — One Row Oliver Potato Digger — Power Take Off — Excellent Shape $100.00. J. Landis Bowers, Lancaster RD 3. Ph TW 8-4932.

FOR SALE — Good Used New Idea (No 12A) Tractor-drawn Manure Spreader Raymond H. Myer, 920 Groff Ave, Elizabethtown Pa., Ph EM 72531

FOR SALE — Double Seated Wooden Lawn Swings, also porch swing. Menno B. Stoltzfus, Paradise, Pa. Belmont Road

FOR SALE — Farmall C with cultivator and tobacco hoers H Mervin McMichael, Lancaster RD6. Phone TR 2-4377

WANTED — Live Stock or will buy all kinds of livestock, dairy cows, heifers or steers, horses, or ponies. Thomas McKelvey RD1, Oxford, Pa.

FOR RENT — Farm House, all conveniences Phone Kirkwood 3R71. L. S. Pownall, RD2, Quarryville.

PIGS — started right grow right! Place your order now for Yorkshire or ½ Yorkshire pigs that are ready to go A S Kinsinger, Gordonville, Pa

WANTED TO BUY — Used doll carriage in good condition Preferably large size Mrs Frank Mears, Ph TR 2 6564

Stanley H. Deiter
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ABS AMERICAN BREEDERS SERVICE

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Intersection Rts. 72 and 230,
Lancaster R3 Phone EX 4-6414

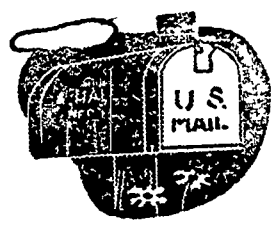
Livestock

LEESPORT LIVESTOCK MARKET. Auction Every Wednesday 1:30. R T. Richards—Operator & Mgr. Ph. WA 6-7484.

Estate Notices

EXECUTOR'S NOTICE. ESTATE of Anna M. Sullivan, late of Lancaster, Pa. deceased

Letters Testamentary on said estate having been granted to the undersigned, all persons indebted thereto are requested to make immediate payment, and those having claims or demands against the same will present them without delay for settlement to the undersigned, Richard J Sullivan, 1008 Buchanan Avenue, Lancaster, Pa Executor Arnold, Bricker, Beyer & Barnes, Attorney



FREE!

Subscribers to Lancaster Farming

will receive FREE one advertisement each month in our Mail Box Market

Subscribers using the MAIL BOX MARKET will be governed by the following rules

- Limit your advertisement to five lines which means not over 25 words.
- All Advertisements must be in our hands by Monday 6 P. M. or same will be held over for next week's paper
- Only one advertisement each month.
- No business advertisements accepted for this column
- You are allowed to run the advertisement one time. Send in no duplication.

Please mail all advertisements care of

MAIL BOX MARKET
QUARRYVILLE, PA.

Classified Advertising Rates

Use This Handy Chart To Figure Your Cost

Words	(1) Issue	(3) Issues
20 (Min.)	$1.00	$2.40
21	1.05	2.52
22	1.10	2.64
23	1.15	2.76
24	1 20	2.88
25	1.25	3.00

KEYED ADS (Ads with answer coming to a Box Number, c/o Lancaster Farming): 25¢ additional.

Send copy to the Classified Advertising Dept., LANCASTER FARMING, Quarryville, Pa.

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CHAIN SAW SERVICE CENTER
New & Used
Snavely's Farm Service
New Holland EL 4-221

LIVESTOCK SALES

NORTHERN VIRGINIA FEEDER CALF AND YEARLING SALE

Friday, April 18, 1958 – 1 P. M.

FARMERS LIVESTOCK EXCHANGE, INC.
Winchester, Va.

1,500 ANGUS HEREFORD SHORTHORN 1,500 STEERS AND HEIFERS

Dehorned, vaccinated for Blackleg and Shipping Fever. Heifers from Bangs and T B. tested herds Some vaccinated Strain 19. Guarantee no bred heifers or stags Sale lots by grade, breed, sex and weight.

NORTHERN VIRGINIA
LIVESTOCK PRODUCERS' ASSOCIATION, INC.
BOX 440 WINCHESTER, VA.

PUBLIC AUCTION

Tuesday, April 8, 1958

PROMPTLY AT 6:00 P. M.

Shoat Sale at 8:00 P. M.

Sale of Fat Bulls, Steers, Cows, Calves and Hogs
Stocker and Feeder Steers and Bulls

We Get Top Market Prices for Your Livestock
Give us a call — HI 2-4181

VINTAGE SALES STABLES, INC.
VINTAGE, PA.

Spring Grass Cattle SALE

At the

South Branch Stockyards, Inc., Moorefield, W. Va.

on

Wednesday, April 16, 1958

at 1:00 P. M.

700 – 800 Stock Steers and Heifers

50 Stock Cows and Calves

Some registered Hereford and Angus Bulls

5 Registered Angus Bulls, ages 15 to 17 months, from Longview Farms, Burlington, W. Va.

All heifers will be tested for Bangs

Sale sponsored by West Virginia Department of Agriculture and South Branch Stockyards, Inc.

Electronic Gadgets May Soon Help Processing Tomato Inspectors

By John N. Yeatman and Arthur P. Sidwell

Most of us have about as much trouble judging a tomato by the looks of its skin as we do a book by its cover.

Sometimes Federal-State inspectors have the same problem. They grade tomatoes used for processing by judging outside color and defects. In doubtful cases, they cut the tomtoes in half and check the color of the flesh. But this inspection is entirely subjective.

Scientists in the Marketing Research Division of the Agricultural Marketing Service are investigating possible ways to develop more objective grading. Already, they've found it is possible to evaluate tomato quality by objective color analyses combined with a subjective estimate of defects

Since color is one of the most important factors indicating the quality of tomatoes, researchers first concentrated their attention on this aspect of inspection They used photoelectric instruments to objectively measure the color of raw tomatoes

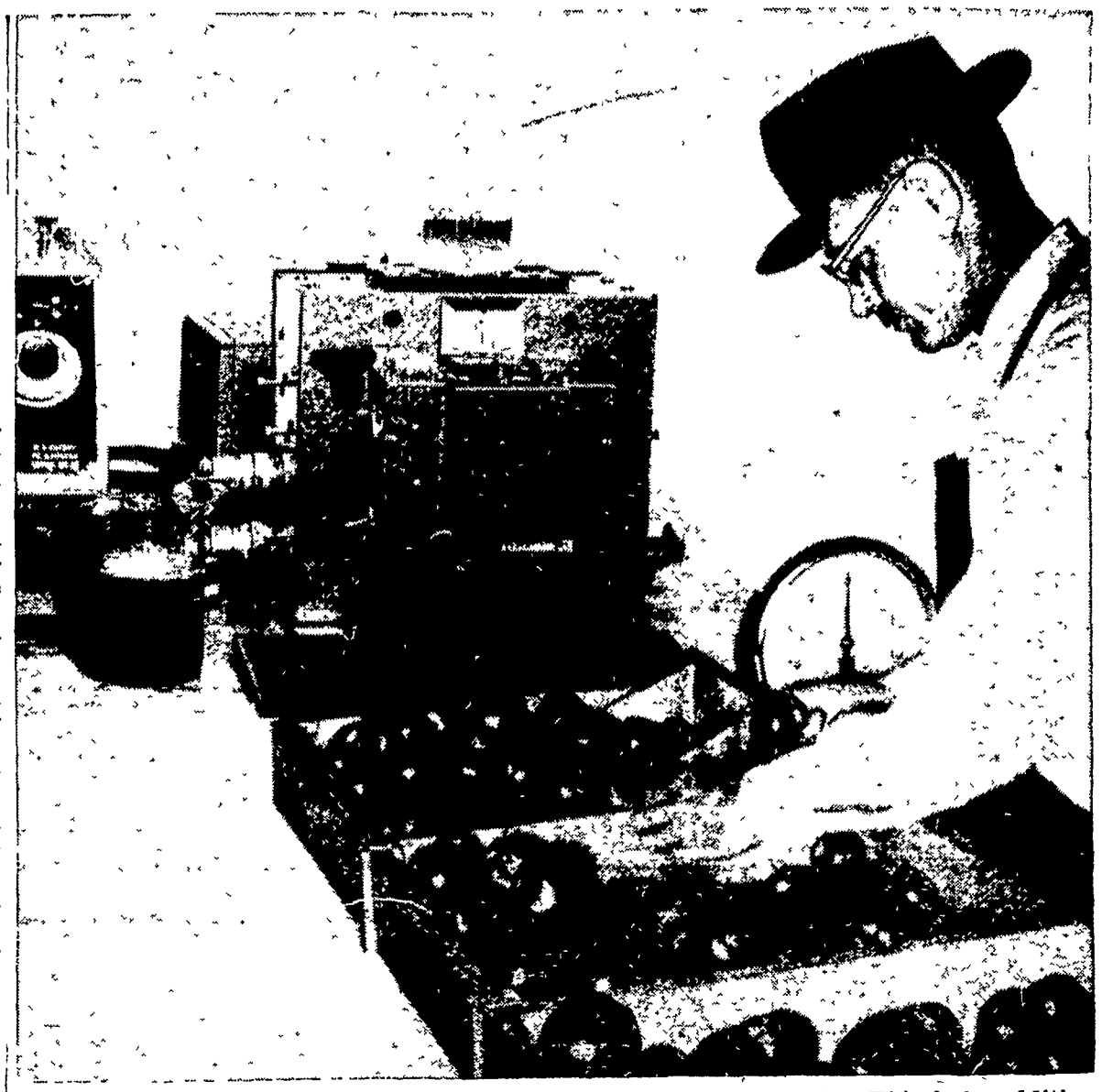
Five of these instruments were tested under field conditions They measured small differences in the color of the skin flesh and raw juice From these tests, researchers found that raw tomatojuice offered the most promising method of objectively evaluating tomato color

Under the present inspection system, inspectors place tomatoes for manufacture of strained tomato products in either of three grades—U.S. No. 1, U.S No. 2, or culls. These three separations are based on a combination of color and freedom from defects.

Any additional subdivisions on th ebasis of color alone are impractical, if not impossible The new photoelectric instruments, however, would make color subdivisions more feasible.

It may also be possible, through current research, to establish new procedures for evaluating the extent of defects. At present, inspectors also base their grades on discolored growth cracks, shrivel ing, molds, decay, sunburn, sunscald, freezing, and so forth.

A more objective analysis could be made by considering defects as a single factor and then combining this with a value for color This could be done by selecting samples from the load and removing the defects Sub-samples could then be selected and the juice extracted, blended, and measured on the instruments. The color value, combined with the percent of defects, would determine the quality of the load.



GRADING OF TOMATOES may soon be done with machines like this. The juice is extracted and compared with standard colors by the photometer. This is in addition to the usual exterior quality inspection given the vegetable. (USDA Photo)

AMS researchers are also studying methods of sampling They've looked into expected sampling errors with variations in the number of hampers selected from the loads and in the number of tomatoes selected from the hampers.

This rather extensive research into all phases of color and defect analysis has demonstrated that a new inspection procedure is possible. Some day such a method may supplement or replace the present grading procedure.

A more detailed account of the AMS work on objective tomato grading wil be published this spring in a marketing research report entitled "Judging Quality of Tomatoes for Processing by Objective Color Evaluation with Subjective Estimation of Defects"

Broilers, Friers to Be On April Plentiful List

The Plentiful Foods Office of the USDA has announced that the April list will feature broilers and fryers.

The other items on the list include canned and frozen peas, canned and frozen corn, milk and dairy produces and honey.

Mushroom Chip Being Developed by USDA

The development of a mushroom chip is being planned by the USDA Research Lab in Philadelphia.

The mushroom chip will be similar to potato chips, not unlike chips from a variety of vegetables.

Farm Calendar

April 7

Eastern States membership meeting — 7.45 p.m at Pequea Valley High School

April 7

4-H County Council — 7 30 p.m at the home of Donna Heckendon, Marietta Pike, Lancaster.

New Holland Community 4-H Club — 7 3 p m. at Bank Building.

April 8

Part-time farming committee—8 p m at Production Credit Bldg, Roseville Rd, Lancaster Emory Brown, economist from PSU, will summerize questioners

Elizabethtown - Donegal 4-H Club — 7 3 p m at Floiin School

April 8

Eastern States Membership meeting — 7 45 p m at Elizabethtown Mill Road Elementary School.

April 9

4 H Guernsey Club — 7 30 p.m at SPABC, Lancaster.

April 9

Miss Lynn Bracken of PSU will meet with the Elizabethtown Flower Club to discus culture of annual and perennuals — 1 30 p. m at Recreation Room, Elizabethtown Bank.

April 10

Lancaster County Bankers Assn Banquet — 6 p m at Hotel Brunswick, Lancaster.

April 10

Eastern States Membership meeting — 7 30 p m. at Eli Hostetters, Mt Joy.

April 10

Annual Dinner, Lancaster County Bankers Assn — 6 p m. at Hotel Brunswick, Lancaster.

Lititz-Manheim 4 H Club—7 30 p m. at Fairland School

April 11

Boots & Saddles 4-H Club — 7 30 p.m. at the home of Galen Sweigert, Denver.

Babcock's

Healthy Chicks Make Great Layers!

How Much Will You Get For A Case Of Eggs This Fall?

A case of Bessie Grade AA large eggs may bring you as much as $6 a case more than ordinary medium eggs. **THAT'S TOP INCOME.** It costs you no more to produce Bessie eggs—but they will surely bring you greater profits

A recent survey of egg stations shows that Bessie eggs are grading 92-95% AA and A large. Eggs like these will assure you of top returns.

Bessies are bred to give you high production of these quality eggs They have consistently proven that they can maintain that production for 14-15 months.

We would like very much for you to have Bessies too. Place your order with us today.

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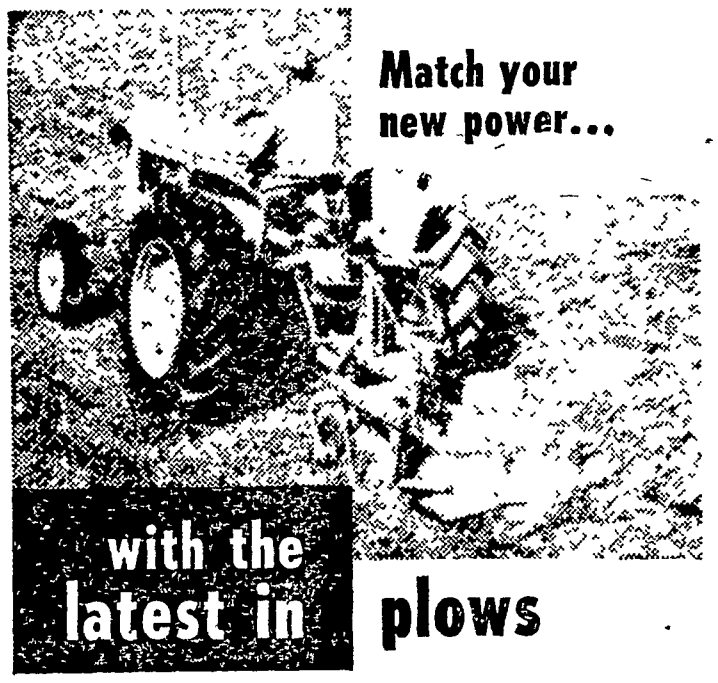

Changing from an old pull-type, 2-bottom plow to a new 3-bottom mounted model increases work done by 50 percent ... puts to good use power formerly wasted with an old-fashioned implement.

New Allis-Chalmers Plows are designed for today's more powerful, better engineered tractors. Bullet Blade bottoms penetrate quickly ... run with lighter draft ... require no blacksmithing. Pulling from a single hitchpoint provides low, natural line of draft.

If you own a full 3-plow tractor, you can't afford to waste time and power by pulling only 2 bottoms. Ask us about the new Allis-Chalmers plows.

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